



U.S. Department  
of Homeland Security  
**United States  
Coast Guard**

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## LOCAL NOTICE TO MARINERS

**District: 5**

**Week: 01/15**

### LOCAL NOTICE TO MARINERS

Coastal Waters from Shrewsbury River, New Jersey to Little River, South Carolina

The Local Notice to Mariners contains all information relevant to the waterways within the Fifth Coast Guard District and is updated each Tuesday on the U.S. Coast Guard Navigation Center website at <http://www.navcen.uscg.gov/?pageName=lnmDistrict&region=5>. If you have questions about the LNM, please contact:

COMMANDER, FIFTH COAST GUARD DISTRICT (dpw)  
431 Crawford Street, Portsmouth, Virginia 23704  
Telephone (Day) : (757) 398-6552 or [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil)

### AIDS TO NAVIGATION DISCREPANCY REPORTING

To report any Aids to Navigation discrepancies (missing, damaged, extinguished lights, off station), shoaling or hazards to navigation, discrepancies to bridge lighting, please contact the following 24 hour numbers:

1. For PA, NJ, DE waters, coastal and tributaries contact COGARD SECTOR DELAWARE BAY at (215) 271-4940.
2. For MD, DE in the Upper Chesapeake Bay and tributaries contact COGARD SECTOR BALTIMORE at (410) 576-2525.
3. For VA in Lower Chesapeake Bay below Smith Point Light and tributaries and VA, MD Eastern Shore Bay and coastal contact COGARD SECTOR HAMPTON ROADS at (757) 483-8567.
4. For NC waters, coastal and tributaries contact COGARD SECTOR NORTH CAROLINA at (910) 343-3882.

### REFERENCES

Light List: ATLANTIC COAST, VOLUME II, COMDTPUB P16502.2, 2014 Edition.  
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA, 2014 (46th) Edition.  
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2014 (46th) Edition.  
All bearings are in degrees TRUE - All times are in Local Time inless otherwise noted.

### NAVIGATIONAL INTERNET SITES

Fifth Coast Guard District Prevention Division BLOGSPOT  
<http://midatlantic.coastguard.dodlive.mil/>

2014 Light List/ Summary of Corrections.  
<http://www.navcen.uscg.gov/index.php?pageName=lightListCorrections>

Bridges Public Notice Website.  
<http://www.navcen.uscg.gov/?pageName=pnBridges>

NOAA Chart Corrections and Chart Viewer  
<http://www.nauticalcharts.noaa.gov>

Coast Pilots, along with corrections are available at  
<http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm>

NOAA Chart Corrections applicable to any particular NOAA chart:  
<http://ocsddata.ncd.noaa.gov/nm/resultList.asp?Chart=> (apply specific chart number i.e. Chart 11548)

D5 LNM on Internet/Archived Back Issues for 2013/2014  
<http://www.navcen.uscg.gov/?pageName=lnmDistrict&region=5>

Chesapeake Bay Weather Buoys  
<http://www.cbos.org>  
Tides on Line  
<http://www.tidesonline.nos.noaa.gov/>  
Tides, Currents, PORTS  
<http://www.tidesandcurrents.noaa.gov/>  
Coast Guard District 5

Weather  
<http://www.weather.gov/>

U.S. Army Corps of Engineers Willimington District Survey Maps and Shoaling Surveys  
<http://www.saw.usace.army.mil/Missions/Navigation/HydrographicSurveys.aspx>  
U.S. Army Corps of Engineers Norfolk District Survey Maps and Shoaling Surveys  
<http://gis.nao.usace.army.mil/ESDS/>

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## ABBREVIATIONS

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### A through H

ADRIFT - Buoy Adrift  
AICW - Atlantic Intracoastal Waterway  
AI - Alternating  
B - Buoy  
BKW - Breakwater  
bl - Blast  
BNM - Broadcast Notice to Mariner  
bu - Blue  
C - Canadian  
CHAN - Channel  
CGD - Coast Guard District  
C/O - Cut Off  
CONT - Contour  
CRK - Creek  
CONST - Construction  
DAYMK/Daymk - Daymark  
DBN/Dbn - Daybeacon  
DBD/DAYBD - Dayboard  
DEFAC - Defaced  
DEST - Destroyed  
DISCON - Discontinued  
DMGD/DAMGD - Damaged  
ec - eclipse  
EST - Established Aid  
ev - every  
EVAL - Evaluation  
EXT - Extinguished  
F - Fixed  
fl - flash  
FI - Flashing  
G - Green  
GIWW - Gulf Intracoastal Waterway  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height

### I through O

I - Interrupted  
ICW - Intracoastal Waterway  
IMCH - Improper Characteristic  
INL - Inlet  
INOP - Not Operating  
INT - Intensity  
ISL - Islet  
Iso - Isophase  
kHz - Kilohertz  
LAT - Latitude  
LB - Lighted Buoy  
LBB - Lighted Bell Buoy  
LHB - Lighted Horn Buoy  
LGB - Lighted Gong Buoy  
LONG - Longitude  
LNM - Local Notice to Mariners  
LT - Light  
LT CONT - Light Continuous  
LTR - Letter  
LWB - Lighted Whistle Buoy  
LWP - Left Watching Properly  
MHz - Megahertz  
MISS/MSNG - Missing  
Mo - Morse Code  
MRASS - Marine Radio Activated Sound Signal  
MSLD - Misleading  
N/C - Not Charted  
NGA - National Geospatial-Intelligence Agency  
NO/NUM - Number  
NOS - National Ocean Service  
NW - Notice Writer  
OBSCU - Obscured  
OBST - Obstruction  
OBSTR - Obstruction  
Oc - Occulting  
ODAS - Anchored Oceanographic Data Buoy

### P through Z

PRIV - Private Aid  
Q - Quick  
R - Red  
RACON - Radar Transponder Beacon  
Ra ref - Radar reflector  
RBN - Radio Beacon  
REBUILT - Aid Rebuilt  
RECOVERED - Aid Recovered  
RED - Red Buoy  
REFL - Reflective  
RRL - Range Rear Light  
RELIGHTED - Aid Relit  
RELOC - Relocated  
RESET ON STATION - Aid Reset on Station  
RFL - Range Front Light  
RIV - River  
RRASS - Remote Radio Activated Sound Signal  
s - seconds  
SEC - Section  
SHL - Shoaling  
si - silent  
SIG - Signal  
SND - Sound  
SPM - Single Point Mooring Buoy  
SS - Sound Signal  
STA - Station  
STRUCT - Structure  
St M - Statute Mile  
TEMP - Temporary Aid Change  
TMK - Topmark  
TRLB - Temporarily Replaced by Lighted Buoy  
TRLT - Temporarily Replaced by Light  
TRUB - Temporarily Replaced by Unlighted Buoy  
USACE - Army Corps of Engineers  
W - White  
Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None

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## SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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### PRINTABLE DIGITAL FILES OF UP-TO-DATE NOAA NAUTICAL CHARTS

NOAA's Office of Coast Survey provides up-to-date digital files of the NOAA nautical charts for federal agencies to use in performing the nation's business. Agencies may download the files and plot them or have them plotted under agency control. Send an e-mail from an official government address with a .gov or .mil extension to [NauticalCharts@NOAA.gov](mailto:NauticalCharts@NOAA.gov) for details. NOTE: Use of these files is limited to federal government agencies. All other users of NOAA charting products should continue to receive them from their regular suppliers. See [www.NauticalCharts.NOAA.gov](http://www.NauticalCharts.NOAA.gov) for information.

LNM: 26/11

### NOAA PRODUCTION OF LITHOGRAPHIC CHARTS

The Federal Aviation Administration (FAA), NOAA's authorized lithographic printer, announced that the traditional printing of NOAA paper nautical charts will be discontinued effective April 13, 2014. In the interim time period, NOAA lithographic charts will still be available from FAA

and chart agents. NOAA Print-on Demand charts (POD) will continue to be available through two authorized vendors. NOAA charts are also available as NOAA Raster Navigational Charts (RNC), Electronic Navigational Charts (ENC), and as a portable document format (PDF). For more information, please visit NOAA's Office of Coast Survey's homepage at <http://www.nauticalcharts.noaa.gov/>. The POD charts produced by NOAA's POD partners are, and will continue to be considered published by NOAA, and will meet all mandatory carriage requirements as specified by navigation safety regulations: 33 CFR 164.01 and 33CFR 164.33.

LNM: 47/13

#### **ECDIS DATA PRESENTATION AND PERFORMANCE CHECK**

In order to promote safety of navigation, the International Hydrographic Organization (IHO) has produced two Electronic Navigational Chart (ENC) datasets designed to alert mariners to the possibility that their Electronic Chart and Display Information System (ECDIS) software may require upgrading. The IHO recommends that all mariners using ECDIS and ENCs visit the following website where they can find more information and instructions for using the test ENC datasets: <http://www.iho.int> > IHO News Links > ECDIS Data Presentation and Performance Check or directly from: [http://www.iho.int/srv1/index.php?option=com\\_content&view=article&id=585&Itemid=828](http://www.iho.int/srv1/index.php?option=com_content&view=article&id=585&Itemid=828).

LNM: 09/12

#### **IMPORTANT SAFETY NOTICE ABOUT THE RELIABLE OPERATION OF ECDIS**

Following an announcement by the International Maritime Organization (IMO) concerning potential display anomalies in some ECDIS systems, the International Hydrographic Organization (IHO) issued an ENC Data Presentation and Performance Check in October 2011. This check is intended to assist mariners and to help determine the extent of the anomalies. IHO has received reports from mariners confirming that a number of ECDIS fail to display some significant underwater features in the "Standard" display mode. For all significant objects to be visible to the mariner, these ECDIS must be operated in "Full display" or "All display" mode until a software upgrade is made available from the manufacturer. Mariners are strongly encouraged to use the IHO ENC Data Presentation and Performance Check issued through ENC service providers and also available directly from the IHO website ([www.iho.int](http://www.iho.int)) to check the operation of their ECDIS and to determine whether their system is affected. IHO Circular Letter 33/2012 is available on the Coast Guard's Navigation Center website (<http://www.navcen.uscg.gov>) under the heading News and Notices.

LNM: 12/12

#### **CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION**

The aids to navigation depicted on charts comprise a system of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker, which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision-s in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

#### **NORTH ATLANTIC RIGHT WHALES WARNING - ENDANGERED NORTH ATLANTIC RIGHT WHALES**

US- Atlantic Seacoast - Critically endangered right whales may be encountered in offshore and coastal waters. Right whales are slow moving and at risk of serious injury or death due to collisions with vessels. U.S. law (50 CFR 224.105) prohibits operating vessels 65 feet (19.8 m) or greater in excess of 10 knots in specific managed locations along the U.S. east coast during times when right whales are likely to be present. See enclosed compliance guide for specific times, areas, and exceptions to this law. Intentionally approaching within 500 yards of right whales is prohibited and is a violation of U.S. law. A minimum distance of 500 yards must be maintained from a sighted whale unless hazardous to the vessel or its occupants. The National Oceanic and Atmospheric Administration (NOAA) recommends that operators assume that any whale sighted is a right whale unless confirmed otherwise. NOAA also recommends speeds of 10 knots or less in areas used by right whales and outside of seasonally managed areas when consistent with safety of navigation. In the northeast, please report all right whale sightings, collisions, or entanglements to 866-755-6622 or to the Coast Guard via channel 16. WHALESNORTH Mandatory Ship Reporting Area is active year-round. For more information, consult the U.S. Coast Pilot. MSR arrival reports can be sent via TELEX number 48156090 or email to [rightwhale.msr@noaa.gov](mailto:rightwhale.msr@noaa.gov).

LNM: 41/14

#### **U.S. COAST GUARD TO TEST AUTOMATED IDENTIFICATION SYSTEM (AIS) AIDS TO NAVIGATION (ATON)**

In the near future, the U.S. Coast Guard and other authorized agencies and organizations (i.e., U.S. Army Corps of Engineers, Marine Exchange of Alaska) will begin transmitting AIS ATON messages and marine safety information via AIS for testing and evaluation. The exact content, location, and times of these broadcasts will be announced in future Local Notices to Mariners. See Enclosure 4 for more details.

LNM: 05/14

#### **U.S. COAST GUARD AUXILIARY – PUBLIC EDUCATION CLASSES – FIND BY ZIPCODE**

The National Public Education Calendar Database provides a single, unified national database that holds and displays all public education courses taught by our various flotillas nationwide. In addition, a Zip Code search permits members of the general public to enter a Zip Code of interest, and find all public education courses being taught within a selected distance from that Zip Code. The National Public Education Calendar Database provides a single, unified national database that holds and displays all public education courses taught by our various flotillas nationwide. In addition, a Zip Code search permits members of the general public to enter a Zip Code of interest, and find all public education courses being taught within a selected distance from that Zip Code. [Http://www.cgaux.org/boatinged/class\\_finder/index.php](http://www.cgaux.org/boatinged/class_finder/index.php)

LNM: 20/14

#### **WESTERN ATLANTIC AND U.S. COASTAL WATERS - NORTH CAROLINA – SUNKEN MILITARY CRAFT ACT (SMCA) –PROHIBITION ON DISTURBING, REMOVING ARTIFACTS OR DAMAGING SUNKEN CRAFT**

All mariners are advised of the special protections provided to sunken military craft by the "Sunken Military Craft Act" (SMCA) (Public Law 108-375). Along the U.S. East Coast, and particularly off North Carolina, there are many sunken U.S. and foreign military craft. Sunken military craft may be the final resting places of military personnel who died in service to their country and are also important historical resources. One very notable example is the wreck of the USS MONITOR, off the NC Coast, also protected by the National Marine Sanctuaries Act. Under international and U.S. law, sunken foreign military craft, including those located in U.S. waters, remain the property of their respective country's government. Sovereign immune vessels, such as military crafts, are afforded protections under U.S. and international law. Included among these vessels are at least three known sunken German submarines (commonly called U-boats) located in waters off the North Carolina coast. These U-boats remain the property of the Federal Republic of Germany. In accordance with the SMCA, no person shall engage in or attempt to engage in any activity directed at a sunken military craft that disturbs, removes, or injures the sunken craft or the associated contents of the craft except as authorized by law. This includes, but is not limited to, the equipment, cargo, contents of the vessel, and the remains and personal effects of the crew and passengers. Mariners are urged to exercise due care when operating in the vicinity of military wrecks, as they can be damaged by both purposeful or inadvertent activities including anchoring, fishing, diving, and other marine activities. Special dangers, such as unexploded ordnance, may also be associated with sunken military craft, and should be considered when operating in these areas. Violations of the SMCA may subject individuals to penalties of up to \$100,000 and to liability for damages. Mariners who witness theft of material from, disturbance of, or damage to a sunken military craft are asked to report it to the nearest U.S. Coast Guard unit.

LNM: 45/09

#### **SAFETY NOTICE - NAVIGATIONAL RANGE STRUCTURES ON ELECTRONIC CHARTS**

The U.S. Coast Guard has become aware that Coast Guard information used to depict a rangeline on NOAA Electronic Navigational Charts (ENC) may not be of sufficient accuracy to accurately portray the rangeline on the ENC. Mariners are cautioned that the position of a rangeline as shown on an ENC may not reflect its true position.

LNM: 04/11

#### **USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER**

The United States Coast Guard Navigational Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information on GPS, DGPS, Navigational Rules, and maritime information. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar (NANU). These notices can also be obtained via e-mail subscription through the USCG Navigation Center website (<http://www.navcen.uscg.gov/?pageName=gpsSubscribe>). In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS and AIS service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: [webmaster@navcen.uscg.mil](mailto:webmaster@navcen.uscg.mil) or on the World Wide Web at <http://www.navcen.uscg.gov>.

#### **NAUTICAL CHART UPDATES**

The National Ocean Service (NOS) has moved and expanded the function of its "critcorr" website. The new "Nautical Chart Updates" website allows the mariner to update their nautical charts from one database that includes information from NOS, and NGA Notice to Mariners, the Coast Guard Local Notice to Mariners and the Canadian Coast Guard Notice to Mariners. To access the website and for more information go to: and click on: <http://www.nauticalcharts.noaa.gov>.

## NATIONAL OCEAN SERVICE (NOS) - CHARTS, PUBLICATIONS, AND TABLES - SALES AGENTS

Sales agents for Charts and Coast Pilots of the National Ocean Service are located in many U. S. ports and in some foreign ports. A list of authorized sales agents and chart catalogs is available free upon request from National Ocean Service, Distribution Division (N/ACC3), 6501 Lafayette Avenue, Riverdale, Maryland 20737.

## BROADCAST NOTICES TO MARINERS

This section contains corrections to federal and private Aids to Navigation, as well as NOS Corrections. Navigation information having been of immediate concern to the Mariner and promulgated by the following Broadcast Notices to Mariners (BMNs) have been incorporated in this notice when still significant at the date of this publication.

CCGD5 (D5) - 584-14, 001, 002, 003-15.

Sector Delaware Bay (DB) - 691, 689, 684-14 and 001, 002-15.

Sector Baltimore (BA) - 565, 567, 568, 569, 570-14, 001, 002, 004, 005-15.

Sector Hampton Roads (HR) - 420-14, 442-14, 445-14, 463-14, 469-14, 470-14, 001-15, AND 003-15.

Sector North Carolina (NC) - 705, 703, 701, 708, 709, 710-14, 001, 002, 003, 004, 006-15.

## SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

### DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
35	Little Egg Inlet Outer Lighted Whistle Buoy LE	TMK MISSING	12316	176DB	16/13	
70	Great Egg Harbor Inlet Outer Lighted Whistle Buoy GE	TMK MISSING	12318	540DB	04/13	
120	Five Fathom Bank Lighted Buoy F	RAC INOP	12214	531DB	38/14	
235	Ocean City Research Buoy	MISSING	12211	369HR	35/11	
265	Winter Quarter Shoal Buoy 5	ADRIFT	12201	359HR	38/14	
350	Cape Charles Light	LT EXT	12222	384HR	18/13	
585	Navy Air Combat Maneuvering Range Tower Light G	LT EXT	12200	407NC	27/12	
600	Oregon Inlet Approach Lighted Whistle Buoy OI	TMK MISSING	12204	155NC	11/14	
635	NOAA Lighted Data Buoy 41001 (ODAS)	MISSING	12200	NONED5	22/13	
640	Diamond Shoals Lighted Buoy 12	LT EXT	11555	683NC	48/14	
715	Beaufort Inlet Dumping Ground Buoy A	MISSING	11545	295NC	20/14	
830	Frying Pan Shoals Slough Buoy 2	MISSING	11536	388NC	28/14	
900	Barnegat Inlet Lighted Buoy 1	LT IMCH	12323	623DB	46/14	
915	Barnegat Inlet Buoy 3	MISSING	12324	532DB	42/13	
943	Barnegat Inlet South Breakwater Light 7	REDUCED INT	12324	175D5	14/13	
1100	Little Egg Inlet Outer Lighted Whistle Buoy LE	TMK MISSING	12316	176DB	16/13	
1180	Absecon Inlet Lighted Buoy 3	MISSING	12316	507DB	37/14	
1190	Absecon Inlet Lighted Buoy 5	MISSING	12316	556DB	40/14	
1265	Great Egg Harbor Inlet Outer Lighted Whistle Buoy GE	TMK MISSING	12318	540DB	04/13	
1445	Cape May Inlet West Jetty Light 5	TRLB/STRUCT DEST	12317	173DB	15/13	

1485	Delaware Bay Approach Lighted Whistle Buoy CH	RAC INOP	12214	684DB	52/14
1510	Delaware Bay Entrance Channel Lighted Buoy 6	REDUCED INT	12216	547DB	39/14
1585	Miah Maull Shoal Light	REDUCED INT/RAC INOP	12304	691DB	45/14
1600	Elbow of Cross Ledge Light	REDUCED INT	12304	610DB	45/14
1660	Cape May Canal West Entrance Approach Lighted Buoy 5	MISSING	12316	594DB	43/14
2510	Baker Range Rear Light	LT EXT	12311	164DB	08/14
<b>2835</b>	<b>New Castle Range Lighted Gong Buoy 7N</b>	<b>LT EXT</b>	<b>12311</b>	<b>001DB</b>	<b>01/15</b>
3395	Mantua Creek Anchorage Buoy B	OFF STA	12313	689DB	52/14
3445	Schuylkill River Buoy 7	MISSING	12313	NONED5	43/14
4750	Ocean City Inlet Lighted Buoy 10	OFF STA	12211	086BA	05/14
4837	Isle Of Wight Bay Buoy 6	DAYMK IMCH	12211	530BA	46/14
4853	Isle Of Wight Bay Buoy 8	DAYMK IMCH	12211	529BA	46/14
4871	Isle Of Wight Bay Light 14	DAYMK IMCH	12211	528BA	46/14
5090	Sinepuxent Bay Channel Buoy 21	MISSING	12211	494BA	40/14
5095	Sinepuxent Bay Channel Buoy 23	DAYMK IMCH	12211	392BA	31/14
5105	Sinepuxent Bay Channel Buoy 27	DAYMK MISSING	12211	393BA	31/14
5110	Sinepuxent Bay Channel Buoy 27A	DAYMK MISSING	12211	394BA	31/14
5610	Virginia Inside Passage Lighted Buoy 7	MISSING	12210	073HR	08/14
5767	Virginia Inside Passage Daybeacon 52	DAYMK MISSING	12210	242HR	26/14
5772	Virginia Inside Passage Buoy 55	MISSING	12210	111HR	12/13
5773	Virginia Inside Passage Buoy 55A	MISSING	12210	386HR	41/12
5776	Virginia Inside Passage Buoy 57	MISSING	12210	241HR	26/14
5777	Virginia Inside Passage Buoy 59	MISSING	12210	387HR	41/12
5820	Virginia Inside Passage Warning Daybeacon B	DAYMK MISSING	12210	470HR	50/12
5955	Virginia Inside Passage Buoy 110	MISSING	12210	425HR	45/12
6030	Virginia Inside Passage Daybeacon 131	STRUCT DEST	12210	209HR	22/13
6035	Virginia Inside Passage Daybeacon 132	STRUCT DEST	12210	210HR	22/13
6050	Virginia Inside Passage Lighted Buoy 137	MISSING	12210	040HR	05/14
6139	Virginia Inside Passage Buoy 158A	OFF STA	12210	354HR	35/13
6210	Virginia Inside Passage Light 180	STRUCT DMGD	12210	384HR	36/11
6260	Virginia Inside Passage Buoy 194	MISSING	12210	215HR	23/13
6355	Virginia Inside Passage Light 215	LT EXT	12224	323HR	32/13
6435	Virginia Inside Passage Daybeacon 231	DAYMK MISSING	12224	441HR	49/14
6485	Virginia Inside Passage Daybeacon 244	TRLB/STRUCT DEST	12224	180HR	44/12
6605	Wachapreague Inlet Buoy 1	MISSING	12210	433HR	49/14
6610	Wachapreague Inlet Buoy 2	DAYMK IMCH	12210	341HR	36/14
6736	Quinby Inlet Channel Buoy 2	MISSING	12210	350HR	35/13
6736.1	Quinby Inlet Channel Buoy 2A	MISSING	12210	351HR	35/13
6740	Quinby Inlet Channel Lighted Buoy 4	MISSING	12210	352HR	35/13
6766	Quinby Creek Buoy 5	MISSING	12210	218HR	23/13
6776	Quinby Creek Lighted Buoy 9	MISSING	12210	129HR	18/12
6780	Quinby Creek Light 11	MISSING/STRUCT DEST	12210	353HR	35/13
6810	Great Machipongo Inlet Buoy 3	MISSING	12224	271HR	28/14
6815	Great Machipongo Inlet Lighted Buoy 4	MISSING	12224	079HR	09/14
6825	Great Machipongo Inlet Buoy 6	OFF STA	12210	211HR	25/14
6843	Great Machipongo Inlet Daybeacon 9	DAYMK MISSING	12224	212HR	25/14
6930	Great Machipongo Channel Lighted Buoy 11	MISSING	12210	103HR	12/14
7025	Oyster Creek Channel Light 10	DAYMK MISSING	12224	443HR	49/14
7145	Chesapeake Channel Lighted Buoy 22	LT EXT	12222	468HR	34/14
7170	Chesapeake Channel Lighted Buoy 28	REDUCED INT	12222	269HR	28/14
7205	Chesapeake Channel Lighted Buoy 34	LT EXT	12222	451HR	51/14
7240	Chesapeake Channel Lighted Buoy 40	LT EXT	12221	466HR	52/14

<b>7315</b>	<b>Chesapeake Channel Lighted Buoy 46</b>	<b>LT EXT</b>	<b>12235</b>	<b>470HR</b>	<b>01/15</b>
7565	Holland Island Wreck Daybeacon WR2	TRLB/STRUCT DEST	12231	484BA	39/14
8190	Brewerton Channel Lighted Buoy 9	REDUCED INT	12281	376BA	30/14
8260	Fort McHenry Channel Lighted Buoy 8	REDUCED INT	12281	544BA	49/14
8270	Fort McHenry Channel Lighted Buoy 10	REDUCED INT	12281	497BA	40/14
8615	Upper Chesapeake Channel Lighted Buoy 33	LT EXT	12278	561BA	50/14
8875	Upper Chesapeake Channel Lighted Buoy 46	LT EXT	12274	568BA	52/14
8925	Elk River Channel Lighted Buoy 1ER	LT EXT	12274	567BA	52/14
9095	Elk River Channel Lighted Buoy 23	LT EXT	12277	559BA	50/14
9305	Thimble Shoal Channel Lighted Buoy 19	LT EXT	12245	464HR	51/14
9355	Naval Ordnance Lighted Buoy P	MISSING	12245	389HR	40/14
<b>9810</b>	<b>Portsmouth Marine Terminal Lighted Buoy 2PM</b>	<b>LT EXT</b>	<b>12253</b>	<b>004HR</b>	<b>01/15</b>
9832	Portsmouth Marine Terminal Daybeacon 10	TRUB/STRUCT DEST	12253	453HR	51/14
10440	Linkhorn Bay Light 21	LT EXT	12254	458HR	51/14
10510	Little Creek Harbor Jetty Light 4	REDUCED INT	12255	216HR	25/14
11575	James River Channel Lighted Buoy 7	REDUCED INT	12248	338HR	29/14
<b>12085</b>	<b>James River Channel Lighted Buoy 49</b>	<b>LT EXT</b>	<b>12248</b>	<b>003HR</b>	<b>01/15</b>
12140	Swann Point Junction Lighted Buoy SP	LT EXT	12251	459HR	51/14
12200	James River Channel Lighted Buoy 57	LT EXT	12251	460HR	51/14
12387	James River Channel Lighted Buoy 89A	REDUCED INT	12251	399HR	39/14
12410	James River Channel Lighted Buoy 92	REDUCED INT	12251	344HR	36/14
12630	James River Channel Lighted Buoy 128	REDUCED INT	12252	310HR	31/14
13496	York River East Range Front Light	LT EXT	12241	426HR	47/14
<b>13497</b>	<b>York River East Range Rear Light</b>	<b>LT EXT</b>	<b>12241</b>	<b>469HR</b>	<b>01/15</b>
13555	York River West Range Rear Light	LT EXT	12238	434HR	49/14
14845	Queens Creek Channel Daybeacon 6	STRUCT DMGD	12235	405HR	44/14
16030	North Point Light N	TRLB/STRUCT DEST	12235	395HR	42/14
<b>17535</b>	<b>Monroe Creek Channel Daybeacon 6</b>	<b>TRLB/STRUCT DEST</b>	<b>12286</b>	<b>002BA</b>	<b>01/15</b>
18055	Upper Potomac River Channel Buoy 41	TRUB	12288	086BA	06/14
20335	Bodkin Creek Daybeacon 9	DAYMK MISSING	12278	514BA	43/14
21265	Ferry Bar Channel Lighted Buoy 6	REDUCED INT	12281	533BA	37/14
21605	Hungar Creek Daybeacon 2	MISSING	12226	240HR	26/14
22630	Upper Pocomoke River Daybeacon 8	TRUB/STRUCT DEST	12228	504BA	41/14
23370	Daugherty Creek Channel Light 5	TRLB/STRUCT DEST	12231	161BA	11/14
23415	Manokin River Channel Light 5	TRLB/STRUCT DEST	12231	334BA	26/14
23505	Lower Thorofare Channel Daybeacon 5	TRLB/STRUCT DEST	12231	498BA	36/11
24420	Mccready Creek Light 1	TRLB/STRUCT DEST	12261	656BA	39/11
25700	Broad Creek Daybeacon 5	TRLB/STRUCT DEST	12266	150BA	10/14
25705	Broad Creek Daybeacon 6	TRUB/STRUCT DEST	12266	147BA	10/14
26095	Eastern Bay Buoy 12	ADRIFT	12270	546BA	49/14
26200	Miles River Light 7	LT IMCH	12270	442BA	36/14
27117	Middle River Light 5	LT EXT	12278	005BA	41/14
<b>27155</b>	<b>Middle River Daybeacon 7</b>	<b>TRLB/STRUCT DEST</b>	<b>12278</b>	<b>001BA</b>	<b>01/15</b>
27325	Bush River Light 5	LT EXT	12274	378BA	30/14
27970	Oregon Inlet Approach Lighted Whistle Buoy OI	TMK MISSING	12204	155NC	11/14
28375	Roanoke Sound Channel Light 4	STRUCT DMGD	12204	699NC	51/14
28420	Roanoke Sound Channel Daybeacon 14	TRUB/STRUCT DEST	12204	611NC	42/14
28760	Hatteras Inlet Channel Daybeacon 18	TRUB/STRUCT DEST	11555	643NC	44/14
28955	Teaches Hole Channel Lighted Buoy 20	MISSING	11550	639NC	44/14
28957	Teaches Hole Channel Buoy 21	OFF STA	11550	640NC	44/14

28960	Teaches Hole Channel Lighted Buoy 22	OFF STA	11550	703NC	51/14
28961	Teaches Hole Channel Buoy 23	MISSING	11550	641NC	44/14
29133	Lookout Bight Lighted Wreck Buoy WR4A	OFF STA	11545	518NC	35/14
<b>29253</b>	<b>Barden Inlet Buoy 30</b>	<b>MISSING</b>	<b>11545</b>	<b>002NC</b>	<b>01/15</b>
29300	Harkers Island East Channel Light 10	TRLB/STRUCT DEST	11545	222NC	16/13
29315	Back Sound Light 1	MISSING/TRLB	11545	705NC	37/13
29435	Morehead City Channel Range Rear Light	STRUCT DEST	11547	389NC	27/14
<b>29516</b>	<b>Bogue Inlet Buoy 5A</b>	<b>MISSING</b>	<b>11541</b>	<b>001NC</b>	<b>01/15</b>
29655	New River Inlet Buoy 1	OFF STA	11541	546NC	37/14
29660	New River Inlet Buoy 2	OFF STA	11541	547NC	37/14
29975	New Topsail Inlet Buoy 1	OFF STA	11541	NONENC	46/14
29985	New Topsail Inlet Buoy 2	OFF STA	11541	NONENC	46/14
30480	Cape Fear River Channel Lighted Buoy 20	OFF STA	11534	617NC	43/14
31980	Pamlico Sound North Light N	LT EXT	12204	682NC	49/14
32190	Pamlico Sound South Light S	DAYMK IMCH	11548	505NC	34/14
32420	Outfall Canal Entrance Light	LT EXT	11548	696NC	50/14
32667	Swanquarter Bay Lighted Wreck Buoy WR2	BUOY DMGD	11548	477NC	32/14
32675	Swanquarter Bay Light 2	STRUCT DEST	11548	693NC	50/14
32715	Swanquarter Bay Light 10	LT EXT	11548	466NC	31/14
33405	Bay River Light 3	LT EXT	11553	646NC	45/14
33490	Cedar Island North Light	DAYMK MISSING	11550	441NC	29/14
34330	Core Sound Light 3	LT EXT	11550	569NC	38/14
34475	Core Sound Light 22	DAYMK MISSING	11545	522NC	35/14
34565	Nelson Bay Light 3	TRLB	11545	347NC	24/14
34575	Core Sound Lighted Buoy 29	MISSING	11545	553NC	37/14
34580	Core Sound Lighted Buoy 31	MISSING	11545	523NC	35/14
34630	Core Sound Light 37A	TRLB/STRUCT DEST	11545	555NC	39/14
<b>34730</b>	<b>Harkers Island West Channel Light 1</b>	<b>STRUCT DEST</b>	<b>11545</b>	<b>003NC</b>	<b>01/15</b>
34775	Core Sound Light 60	TRLB/STRUCT DEST	11547	285NC	19/14
35610	New Jersey Intracoastal Waterway Daybeacon 150	TRLB/STRUCT DEST	12316	484DB	34/14
37075	Elizabeth River Southern Branch Daybeacon 31	TRLB/STRUCT DEST	12253	381HR	21/14
37350	Great Bridge to Albemarle Sound Light 32	TRLB/STRUCT DEST	12206	415HR	45/14
37570	Great Bridge to Albemarle Sound Daybeacon 104	TRUB/STRUCT DEST	12206	606NC	42/14
37655	Great Bridge to Albemarle Sound Light 128	TRLB/STRUCT DEST	12206	672NC	47/14
37860	Alligator River Light 12	REDUCED INT	11553	701NC	51/14
38250	Bay River Light 3	LT EXT	11553	646NC	45/14
39355	New River - Cape Fear River Daybeacon 17	TRUB/STRUCT DEST	11541	708NC	52/14
39495	New River - Cape Fear River Light 83	TRLB/STRUCT DEST	11541	668NC	47/14
40015	Cape Fear River Channel Lighted Buoy 20	OFF STA	11534	617NC	43/14

#### DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
390	North Chesapeake Entrance Lighted Gong Buoy NCB	RELIGHTED	12208	438HR	49/14	01/15
7060	Chesapeake Channel Lighted Buoy 6	RELIGHTED	12222	457HR	27/14	01/15
7500	Chesapeake Channel Lighted Buoy 65	WATCHING PROPERLY	12230	467HR	52/14	01/15
8535	Upper Chesapeake Channel Lighted Buoy 23	RELIGHTED	12272	564BA	52/14	01/15



10815	Newport News Middle Ground Light	RELIGHTED	12245	002HR	01/15	01/15
11000	Phoebus Channel Entrance Light 1	RELIGHTED	12245	465HR	52/14	01/15
18595	Upper Potomac River Channel Light 88	RELIGHTED	12289	003BA	01/15	01/15
19980	Little Round Bay South Daybeacon 5	WATCHING PROPERLY	12282	NONEBA	45/14	01/15
29425	Morehead City Channel Lighted Buoy 19	RELIGHTED	11547	710NC	01/15	01/15
32825	Oyster Creek Light 4	DISCONT/REPLACE	11545	031NC	03/12	01/15

#### DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9	Ocean Power Lighted Data Buoy A	MISSING	12323	585DB	49/13	
87	Garden State Offshore Energy Lighted Data Buoy GS	LT IMCH	12318	190D5	15/13	
793.6	NC Artificial Fishing Reef Buoy AR366	MISSING	11539	282NC	19/14	
804.4	NC Artificial Fishing Reef Buoy AR386	ADRIFT	11520	512NC	38/13	
819	NC Artificial Fishing Reef Buoy AR425	MISSING	11520	079NC	04/14	
819.2	NC Artificial Fishing Reef Buoy AR460	OFF STA	11520	009NC	02/13	
1690	Bidwell Creek Entrance Light 2	LT EXT	12304	NONEAC	37/06	
1960	Fortescue Creek Entrance Buoy 4	OFF STA	12304	NONEDB	17/13	
2035	Lewes Breakwater Front Light	LT EXT	12216	282DB	27/13	
2119	Burton Prong Buoy 4	MISSING	12216	173AC	16/06	
2775	Bulkhead Shoal Channel Lighted Buoy 2	LT EXT	12331	612DB	51/13	
2820	Bulkhead Shoal Channel Buoy 10	MISSING	12311	365DB	26/14	
4346	Upper Delaware River Pipeline Outfall Buoy	MISSING	12314	129DB	18/12	
4551.11	Indian River Channel Daybeacon 53	DAYMK DMGD	12216	160DB	20/10	
5165	Chincoteague Bay State Boundary Line Buoy B	DAYMK IMCH	12211	528HR	46/12	
5165	Chincoteague Bay State Boundary Line Buoy B	OFF STA	12211	024HR	04/14	
5175	Chincoteague Bay State Boundary Line Buoy D	DAYMK IMCH	12211	429HR	46/12	
5180	Chincoteague Bay State Boundary Line Buoy E	DAYMK IMCH	12211	430HR	46/12	
5185	Chincoteague Bay State Boundary Line Buoy F	MISSING	12211	431HR	46/12	
5190	Chincoteague Bay State Boundary Line Buoy G	DAYMK IMCH	12211	432HR	46/12	
5265	George Island Channel Daybeacon 8	DAYMK IMCH	12211	346HR	38/12	
5453	Coards Marsh Sanctuary Daybeacon A	STRUCT DEST	12211	433HR	46/12	
5453.1	Coards Marsh Sanctuary Daybeacon B	STRUCT DEST	12211	434HR	46/12	
5453.2	Coards Marsh Sanctuary Daybeacon C	STRUCT DEST	12211	435HR	46/12	
5457	Greenbackville Sanctuary Daybeacon A	DAYMK DMGD	12211	476HR	43/11	
5457.1	Greenbackville Sanctuary Daybeacon B	DAYMK DMGD	12211	477HR	43/11	
7669	UMCES Lighted Data Buoy JI	MISSING	12264	439BA	36/14	
7671	Flag Harbor Light 1	LT IMCH	12264	434BA	36/14	
7860	Bay Bridge Marina Light 5	LT EXT	12270	350BA	44/12	
9853	Elizabeth River Town Point Reach No Wake Buoy A	OFF STA	12253	328HR	35/14	
10125	Lynnhaven Roads Fishing Pier Lights (2)	MISSING	12254	319HR	31/13	
10762.03	Lafayette River Northern Branch Daybeacon 3	DAYMK MISSING	12245	251HR	26/14	
10762.1	Lafayette River Northern Branch Daybeacon 12	DAYMK MISSING	12245	252HR	26/14	
12950	Back River South Channel Daybeacon 2	STRUCT DEST	12238	332HR	24/13	
13050	Harris River Approach Daybeacon 3	DAYMK MISSING	12238	036HR	06/12	
13050	Harris River Approach Daybeacon 3	DAYMK MISSING	12238	168HR	20/14	
13065	Harris River Approach Daybeacon 6	OFF STA	12238	169HR	20/14	
13065	Harris River Approach Daybeacon 6	OFF STA/DAYMK DMGD	12238	037HR	06/12	
14405	Green Mansion Cove Daybeacon 2	DAYMK IMCH	12238	517HR	46/11	

14940	Windmill Point Marina Light 3	LT EXT	12235	348HR	23/12
15005	Broad Creek Northern Branch Daybeacon 1N	DAYMK DMGD	12235	234HR	24/13
15050	Broad Creek Northern Branch Daybeacon 12	DAYMK MISSING	12235	431HR	49/14
16415.1	Slough Creek Daybeacon 11	DAYMK DMGD	12233	198HR	23/11
16555	Lake Conoy Warning Daybeacon A	MISSING	12233	251BA	19/10
16612	Coan River Marina Buoy 1	OFF STA/DAYMK MISSING	12233	477BA	26/13
16613	Coan River Marina Buoy 2	DAYMK MISSING	12233	216BA	26/13
16614	Coan River Marina Buoy 3	OFF STA/DAYMK MISSING	12233	478BA	26/13
16638	Potomac River Gray Point Lighted Mooring Buoy A	MISSING	12233	281BA	20/14
16853	Potomac River Sandy Point Lighted Data Buoy A	MISSING	12233	282BA	20/14
17835	Nanjemoy Creek Buoy 2	DAYMK IMCH	12288	476BA	39/14
18014	Aquia Creek Daybeacon 31	DAYMK IMCH	12288	422BA	34/14
18014.1	Aquia Creek Daybeacon 32	DAYMK DMGD	12288	NONEBA	34/14
18014.2	Aquia Creek Daybeacon 33	DAYMK IMCH	12288	423BA	34/14
18014.3	Aquia Creek Daybeacon 34	DAYMK DMGD	12288	424BA	34/14
18080	Moss Point- Possum Point Light A	LT EXT	12288	409BA	33/14
18090	Potomac River Light 43A	LT EXT	12288	479BA	39/14
18095	Potomac River Light 44	LT EXT	12288	480BA	39/14
18100	Moss Point- Possum Point Light C	LT EXT	12288	481BA	39/14
18105	Moss Point- Possum Point Light D	LT EXT	12288	482BA	39/14
18110	Cockpit Point Barge Dock Mooring Light A	BUOY DMGD/LT EXT	12288	417BA	46/08
18793.1	Tanner Creek Warning Daybeacon A	DAYMK MISSING	12233	179BA	23/13
18793.2	Tanner Creek Daybeacon 1	DAYMK MISSING	12233	178BA	23/13
18970	Mill Creek (Patuxent River) Daybeacon 8	DAYMK IMCH	12284	265BA	19/14
19215	Cape St. Marys Marina Breakwater Light	LT EXT	12264	0180BA	08/05
19612	South River Warning Buoy A	MISSING	12270	039BA	06/13
19613	South River Warning Buoy B	MISSING	12270	040BA	06/13
19870	Chesapeake Harbor Jetty Light 8	LT EXT	12282	524BA	45/14
20130	Gibson Island Inner Harbor Lighted Buoy 2	LT EXT	12282	460BA	40/10
20210	Forked Creek Daybeacon 2	DAYMK MISSING	12282	240BA	18/14
20430	Pennwood Channel Range Front Light	LT EXT	12278	200BA	24/06
20435	Pennwood Channel Range Rear Light	LT EXT	12278	099BA	18/12
21175	Fairfield Channel Buoy 2	MISSING	12281	036BA	08/12
21180	Fairfield Channel Buoy 4	MISSING	12281	037BA	08/12
21180	Fairfield Channel Buoy 4	OFF STA	12281	286BA	37/12
21185	Fairfield Channel Buoy 6	MISSING	12281	233BA	17/07
<b>21362</b>	<b>North Locust Point Marine Terminal Pier 7 Warning Buoy A</b>	<b>MISSING</b>	<b>12281</b>	<b>569BA</b>	<b>01/15</b>
21420	Kiptopeke Beach Breakwater South Light A	LT EXT/STRUCT DMGD	12224	254HR	29/12
21531	Kings Creek Channel Light 2	DAYMK DMGD	12224	NONEHR	21/10
21540	Kings Creek Channel Daybeacon 4	STRUCT DMGD	12224	087HR	10/14
21545	Kings Creek Channel Daybeacon 6	DAYMK IMCH	12224	116HR	16/12
22095	Onancock Creek -South Branch Buoy 1	OFF STA	12228	292BA	30/08
22985	Ward Creek Warning Daybeacon A	MISSING	12231	503BA	31/05
23315	Jones Creek Daybeacon 4	DAYMK MISSING	12231	402BA	44/08
23340	Jones Creek Daybeacon 12	DAYMK DMGD	12231	620BA	45/11
23715	Dames Quarter Creek Channel Daybeacon 4	OFF STA/TRUB	12261	242BA	24/07
25010	Cambridge Municipal Yacht Basin Light 1	MISSING	12266	316BA	40/12
25015	Cambridge Municipal Yacht Basin Light 2	MISSING	12266	317BA	40/12
25020	Cambridge Channel Range Front Light	LT EXT	12268	420BA	46/08
25025	Cambridge Channel Range Rear Light	LT EXT/DAYMK DMGD	12268	418BA	46/08

25330	Pier Street Marina Daybeacon 1	STRUCT DEST/HAZ NAV	12266	157BA	20/13
25335	Pier Street Marina Daybeacon 2	STRUCT DEST/HAZ NAV	12266	168BA	21/13
26225	Oak Creek Warning Buoy	STRUCT DEST	12270	265BA	35/12
26275	Cox Creek Daybeacon 5	MISSING	12270	184BA	24/13
26343	Greenwood Creek Buoy 1G	MISSING	12270	272BA	20/14
26343.3	Greenwood Creek Buoy 4	MISSING	12270	275BA	20/14
26343.5	Greenwood Creek Buoy 6	MISSING	12270	276BA	20/14
26990	Shallow Creek Daybeacon 9	DAYMK MISSING	12278	NONEBA	20/11
27245	Upper Gunpowder River Daybeacon 5	STRUCT DMGD	12274	249BA	19/14
27415	Fairlee Creek Buoy 8	OFF STA/BUOY DMGD	12278	361BA	28/14
27920	Upper Elk River Buoy 8	OFF STA	12274	127BA	16/13
27925	Upper Elk River Buoy 9	OFF STA	12274	128BA	16/13
28552	Shallowbag Bay Warning Light A	LT EXT	12205	011NC	01/10
28553	ShallowBag Bay Warning Light D	LT EXT	12205	010NC	01/10
31060	Shallotte Inlet Buoy 2	MISSING	11534	005NC	01/14
31087	Shallotte Inlet Buoy 9	MISSING	11534	317NC	23/13
31416	Whitehall Shores Channel Light 1	LT EXT/DAYMK MISSING	12206	546NC	40/13
31416.5	Whitehall Shores Channel Daybeacon 2	DAYMK MISSING	12206	547NC	40/13
31419.6	Whitehall Shores West Channel Daybeacon 1	MISSING	12206	554NC	40/13
31419.7	Whitehall Shores West Channel Daybeacon 2	MISSING	12206	555NC	40/13
35230	Manahawkin Bay Lower Warning Light	LT EXT	12324	371DB	32/13
35265	East Thorofare Pier Light	LT EXT	12324	372DB	32/13
35780	Absecon Waterway Upper Pier Light	LT IMCH	12316	521DB	38/14
35785	Absecon Waterway Lower Pier Light	LT IMCH	12316	522DB	38/14
	Asquith Creek Daybeacon 6	DAYMK IMCH	12282	520BA	45/14
	Back River Buoy 6	BUOY DMGD		263BA	33/13
	Beach Cove South Channel Daybeacon 8	MISSING	12216	NONEAC	10/06
	Big Timber Creek Buoy 11	OFF STA	12313	481DB	40/11
	Big Timber Creek Buoy 17	OFF STA	12313	481DB	21/11
	Cabin Creek Buoy 2	OFF STA	12268	177BA	12/14
	Captains Cove Daybeacon 5	DAYMK IMCH	12211	471HR	43/11
	Cherrystone Artificial Reef Buoys	MISSING	12221	NONED5	24/05
	Cox Creek Channel Buoy 6 (Patapsco)	ADRIFT	12278	296BA	36/13
	Cox Creek Channel Buoy 7 (Patapsco)	ADRIFT	12278	297BA	36/13
	East Cod Creek Daybeacon 4	DAYMK MISSING	12233	120BA	21/12
	East Cod Creek Daybeacon 6	DAYMK DMGD	12285	318BA	26/09
	Fox Hill Channel Daybeacon 4	DAYMK DMGD	12238	173HR	23/12
	Fox Hill Channel Daybeacon 6	STRUCT DEST	12238	174HR	23/12
	Fox Hill Channel Range Rear Daybeacon	MISSING	12238	NONEHR	25/13
	Gosnold Hope Channel Daybeacon 1	DAYMK DMGD	12222	224HR	27/12
	Gosnold Hope Channel Daybeacon 17	STRUCT DEST	12222	233HR	24/13
	Gosnold Hope Channel Daybeacon 5	STRUCT DEST	12222	229HR	44/11
	Grassy Sound North Pier Light	MISSING	12316	0068AC	41/12
	Grassy Sound South Pier Light	MISSING	12316	0069AC	41/12
	Harris River Approach Daybeacon 10	DAYMK DMGD	12238	NONEHR	05/12
	Indian River Bay Shellfish Excl. Buoy	MISSING	12216	NONEAC	08/12
	Little Cove Point Warning Light C	STRUCT DEST	12264	286BA	36/13
	Old House Cove Warning Daybeacon A	MISSING	12231	0498BA	31/05
	Old House Cove Warning Daybeacon B	MISSING	12231	0499BA	31/05
	Old House Cove Warning Daybeacon C	MISSING	12231	0500BA	31/05
	Parramore Artificial Reef Buoy	MISSING	12210	0071ES	21/05
	VIMS Clay Bank Lighted Data Buoy A	MISSING	12243	NONEHR	14/14
	VIMS Clay Bank Lighted Data Buoy B	MISSING	12243	NONEHR	14/14
	VIMS Clay Bank Lighted Data Buoy C	MISSING	12241	NONEHR	14/14

Vims Water Qual Monitor Device (3)	MISSING	NONEHR	14/14
Wachapreague Artificial Reef Buoys	MISSING	12210 0072ES	21/05

#### DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
19840	Chesapeake Harbor Entrance Light 2	RELIGHTED	12282	523BA	45/14	01/15
19875	Chesapeake Harbor Jetty Light 9	RELIGHTED	12282	525BA	45/14	01/15

#### PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

#### PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

### SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

#### TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
358	Scripps Lighted Data Buoy CDIP 186	DISCONTINUED	12208	127D5	10/12	
637	NOAA Lighted Data Buoy 41025 (ODAS)	DISCONTINUED	11555	518D5	41/12	
943	Barneгат Inlet South Breakwater Light 7	Reduced Intensity	12324	175D5	42/13	
1445	Cape May Inlet West Jetty Light 5	TRLB	12317	605D5	49/12	
2410	Little River Light 2	DISCONTINUED	12304	534D5	46/13	
6348	Virginia Inside Passage Daybeacon 213	TRUB	12224	NONED5	02/14	
7055	Chesapeake Channel Lighted Buoy 5	RELOCATED FOR DREDGING	12222	267D5	23/14	
7060	Chesapeake Channel Lighted Buoy 6	RELOCATED FOR DREDGING	12222	267D5	23/14	
7070	Chesapeake Channel Lighted Buoy 7	RELOCATED FOR DREDGING	12222	265D5	24/14	
7080	Chesapeake Channel Lighted Buoy 10	RELOCATED FOR DREDGING	12222	265D5	24/14	
7090	Chesapeake Channel Lighted Bell Buoy 12	RELOCATED FOR DREDGING	12254	265D5	24/14	
8150	Brewerton Channel Range Front Light	Reduced Intensity	12281	550D5	47/13	
9530	Elizabeth River Channel Lighted Buoy 12	RELOCATED FOR DREDGING	12245	472D5	41/14	
9535	Elizabeth River Channel Lighted Buoy 13	RELOCATED FOR DREDGING	12245	472D5	41/14	
9545	Elizabeth River Channel Lighted Buoy 15	RELOCATED FOR DREDGING	12245	472D5	41/14	
9595	Elizabeth River Channel Lighted Buoy 17	RELOCATED FOR DREDGING	12245	472D5	41/14	
9600	Elizabeth River Channel Lighted Buoy 18	RELOCATED FOR DREDGING	12245	472D5	41/14	
9605	Elizabeth River Channel Lighted Buoy 19	RELOCATED FOR DREDGING	12245	472D5	41/14	
9710	Elizabeth River Channel Lighted Buoy 25	RELOCATED FOR DREDGING	12253	472D5	41/14	
27980	Oregon Inlet Buoy 2	DISCONTINUED	12204	451D5	39/14	
28665	Hatteras Inlet Lighted Buoy 7	TRLB	11555	NONED5	45/14	
28730.1	Hatteras Inlet Channel Lighted Buoy 11A	DISCONTINUED	11555	297D5	27/14	
29335	Beaufort Inlet Channel Range Front Light	RELOCATED	11547	422D5	37/14	
29340	Beaufort Inlet Channel Range Rear Light	DISCONTINUED	11547	377D5	34/14	
29665	New River Inlet Buoy 3	DISCONTINUED	11541	491D5	43/14	
29670	New River Inlet Buoy 4	DISCONTINUED	11541	491D5	43/14	

29680	New River Inlet Buoy 6	DISCONTINUED	11541	491D5	43/14
29700	New River Inlet Buoy 8	DISCONTINUED	11541	491D5	43/14
29721	New River Inlet Buoy 10A	DISCONTINUED	11541	491D5	43/14
29723	New River Inlet Buoy 10B	DISCONTINUED	11541	491D5	43/14
29725	New River Inlet Buoy 11	DISCONTINUED	11541	491D5	43/14
29726	New River Inlet Buoy 11A	DISCONTINUED	11541	491D5	43/14
30048	Banks Slough Channel Buoy 2BS	DISCONTINUED	11541	574D5	51/14
30048.02	Banks Slough Channel Buoy 3	DISCONTINUED	11541	574D5	51/14
30048.04	Banks Slough Channel Buoy 4	DISCONTINUED	11541	574D5	51/14
30048.06	Banks Slough Channel Buoy 5	DISCONTINUED	11541	574D5	51/14
30048.08	Banks Slough Channel Buoy 7	DISCONTINUED	11541	574D5	51/14
32063.1	Chicamacomico Channel Daybeacon 5A	RELOCATED FOR DREDGING	11555	575D5	50/13
32063.1	Chicamacomico Channel Daybeacon 5A	TRUB	11555	575D5	50/13
32375	Royal Shoal Light 5RS	TRLT	11550	417D5	36/14
34885	Town Creek Channel Daybeacon 2	TRUB	11547	515D5	41/12
34905	Town Creek Channel Basin Daybeacon C	DISCONTINUED	11547	NONED5	12/12
	Cape May Inlet West Jetty Lighted Buoy 5	ESTABLISHED	12317	605D5	49/12
	Fort Macon Reach Range Rear Passing Light	DISCONTINUED	11547	414D5	36/14
	<b>Oyster Creek Lighted Buoy 4</b>	<b>ESTABLISHED</b>	<b>11545</b>	<b>003D5</b>	<b>01/15</b>

#### TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

#### PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

#### PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

## SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only.

It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR					CGD01	
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				at 40-41-09.001N	074-02-48.001W
	Green can					
Corrective Action	Object of Corrective Action				Position	

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.

Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

**11520      45th Ed.      01-SEP-13      Last LNM: 46/14      NAD 83      01/15**

Chart Title: **Cape Hatteras to Charleston**

**Main Panel 377 CAPE HATTERAS TO CHARLESTON. Page/Side: N/A**

DELETE	Dotted Fish Haven and Label; Obstr PA (3 1/4 fms) (Chart No. 1 K46.2) (NOS NW-24469)	NOS 34-02-00.000N	077-51-56.000W
DELETE	Dotted Fish Haven and Label; Obstr PA (3 1/4 fms) (Chart No. 1: K46.2) (NOS NW-24461)	NOS 34-10-30.620N	077-44-26.780W
CHANGE	Dotted Fish Haven Label to:; Obstr (3 1/4 fms) (NOS NW-24460)	NOS 34-14-48.050N	077-42-53.930W
ADD	Dotted Fish Haven A PT 1 OF 4; Chart No. 1: K46.2 (NOS NW-24461)	NOS 34-10-49.800N	077-44-08.400W
ADD	Dotted Fish Haven A PT 2 OF 4; Chart No. 1: K46.2 (NOS NW-24461)	NOS 34-10-13.320N	077-44-08.940W
ADD	Dotted Fish Haven A PT 3 OF 4; Chart No. 1: K46.2 (NOS NW-24461)	NOS 34-10-14.340N	077-45-33.480W
ADD	Dotted Fish Haven A PT 4 OF 4; Chart No. 1: K46.2 (NOS NW-24461)	NOS 34-10-50.820N	077-45-32.940W
ADD	Dotted Fish Haven B PT 1 OF 4; Chart No. 1: K46.2 (NOS NW-24469)	NOS 34-02-21.300N	077-51-35.700W
ADD	Dotted Fish Haven B PT 2 OF 4; Chart No. 1: K46.2 (NOS NW-24469)	NOS 34-01-36.180N	077-51-34.500W
ADD	Dotted Fish Haven B PT 3 OF 4; Chart No. 1: K46.2 (NOS NW-24469)	NOS 34-01-36.720N	077-52-33.300W
ADD	Dotted Fish Haven B PT 4 OF 4; Chart No. 1: K46.2 (NOS NW-24469)	NOS 34-02-21.840N	077-52-02.820W
ADD	Dotted Fish Haven Label; Obstr (3 1/4 fms) (NOS NW-24461)	NOS 34-10-41.200N	077-44-42.300W
ADD	Dotted Fish Haven Label; Obstr (3 1/4 fms) (NOS NW-24469)	NOS 34-02-00.000N	077-51-56.000W
ADD	Minimum Size (2mm sq.) Dotted Fish Haven and Label; Obstr (3 1/4 fms) (Chart No. 1 K46.2) (NOS NW-24464)	NOS 34-00-40.000N	077-50-37.000W

**11539      20th Ed.      01-SEP-14      Last LNM: 49/14      NAD 83      01/15**

Chart Title: **New River Inlet to Cape Fear**

**Main Panel 500 NEW RIVER INLET TO CAPE FEAR NORTH CAROLINA. Page/Side: A**

DELETE	Dotted Fish Haven and Label; Obstr PA Fish Haven (auth min 20 ft) (Chart No. 1: K46.2) (NOS NW-24461)	NOS 34-10-30.620N	077-44-26.780W
DELETE	Dotted Fish Haven and Label; Obstr PA Fish Haven (auth min 20 ft) (Chart No. 1: K46.2) (NOS NW-24469)	NOS 34-02-00.000N	077-51-56.000W
DELETE	Sounding in Feet; 35 (NOS NW-24469)	NOS 34-01-46.680N	077-52-22.770W



Approved Project(s)

None

Project Date

Ref. LNM

Advance Notice(s)

**NJ – DE - MISPELLION RIVER - AIDS TO NAVIGATION CHANGE**

Mispillion Buoy 2 (LLNR 2285), currently removed for winter, will not be re-established in spring 2015. Aid will be permanently discontinued on or about 01 Feb 2015. Charts Affected: 12304

LNM: 49/14

**VA- CHESAPEAKE BAY ENTRANCE – OYSTER CREEK – AIDS TO NAVIGATION CHANGE**

On or about February 2, 2015 the Coast Guard will not re-establish the lighting equipment on Oyster Creek Channel Light 10 ((LL 7025) and rename aid to Oyster Creek Channel Daybeacon 10 (LL 7025).

Charts Affected: 12221 and 12224.

LNM: 50/14

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**SECTION VI - PROPOSED CHANGES**

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

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**PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT**

Proposed Project(s)

None

Closing

Docket No.

Ref. LNM

Proposed Change Notice(s)

**COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES**

Periodically, the Coast Guard, evaluates the system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard, the Coast Guard is evaluating changes in aids to navigation as noted in the below articles. Users can provide feedback by filling out the District 5 Waterway Proposals data/feedback form, located at the NAVCEN D5 LNM website:

<http://www.navcen.uscg.gov/?pageName=InmDistrict&region=5>

This section also includes Public Notices for proposed changes to the bridges within the Fifth Coast Guard with a request for comments as indicated.

LNM: 41/11

**NJ- SEACOAST-PROPOSED CHANGE TO AIDS TO NAVIGATION**

The Coast Guard Fifth District is conducting an analysis to determine the degree to which mariners utilize the Aids to Navigation listed below. With the proliferation of GPS, charting software, AIS, and other systems, seacoast buoys, while often convenient references, are becoming increasingly redundant. The analysis of the seacoast buoys listed below could lead to alterations of technical aspects of the aids, such as a change to advertized characteristics or buoy sizes, change to positions, or discontinuation.

Barnegat Offshore Lighted Gong Buoy 2 (LLNR 15)

Little Egg Inlet Outer Lighted Whistle Buoy LE (LLNR 35)

Brigantine Inlet Lighted Wreck Buoy 2 (LLNR 40)

Great Egg Harbor Inlet Outer Lighted Whistle Buoy GE (LLNR 70)

Avalon Shoal LBB 2 (LLNR 85)

Five Fathom Bank NE LBB 2FB (LLNR 100)

Five Fathom Bank NW LGB 3FB (LLNR 105)

Five Fathom Bank South LB 4FB (LLNR 115)

Five Fathom Bank Traffic Lane LB FA (LLNR 125)

Delaware Traffic Lane Lighted Buoy DB (LLNR 175)

Interested Mariners are strongly encouraged to comment on the potential impacts that modifying or discontinuing any of the aids above would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District WaterwayDataSheet, Available at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 13 January 2015 to be considered in the analysis. Refer to project number 05-15- 031. In addition to the address listed on the front cover, email can be sent to [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil).

Charts Affected: 12200, 12214, 12300, 12301, 12316, 12318, 12323, 13003.

LNM: 48/14

**DE & MD- SEACOAST - PROPOSED CHANGE TO AIDS TO NAVIGATION**

The Coast Guard Fifth District is conducting an analysis to determine the degree to which mariners utilize the Aids to Navigation listed below. With the proliferation of GPS, charting software, AIS, and other systems, seacoast buoys, while often convenient references, are becoming increasingly redundant. The analysis of the seacoast buoys listed below could lead to alterations of technical aspects of the aids, such as a change to advertized characteristics or buoy sizes, change to positions, or discontinuation.



Fenwick Shoal LB 1FS (LLNR 210)  
Great Gull Bank LB 4 (LLNR 220)  
Ocean City Inlet Lighted Bell Buoy 2 (LLNR 240)  
Little Gull Bank Buoy LG (LLNR 250)

Interested Mariners are strongly encouraged to comment on the potential impacts that modifying or discontinuing any of the aids above would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 13 January 2015 to be considered in the analysis. Refer to project number 05-15- 032. In addition to the address listed on the front cover, email can be sent to [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil).

Charts Affected: 12211, 12200.

LNM: 48/14

#### **NJ- CAPE MAY – PROPOSAL TO DISCONTINUE AIDS TO NAVIGATION**

The Coast Guard is proposing to discontinue the following Aids to Navigation:

Sewell Point Buoy A (LLNR 145)

Sewell Point Buoy C (LLNR 150)

Sewell Point Buoys A & C, located southwest of Cape May Inlet, currently mark a danger zone for a firing range located at Coast Guard Training Center Cape May. The firing range is no longer in use and the Coast Guard proposes to discontinue the buoys. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at

[http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 10 Feb 2015 to be considered in the analysis. Refer to project number 05-15- 045.

Send comments to [Michael.a.davis@uscg.mil](mailto:Michael.a.davis@uscg.mil) or [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil), or

U.S. Coast Guard Fifth District

Waterways Management (dpw)

Attn: Michael Davis

431 Crawford Street

Portsmouth, VA 23704

Refer to Project Number 05-15-042(D).

Charts Affected: 12214, 12317, 12316, 12304

LNM: 50/14

#### **DE - DELAWARE BAY, PORT MAHON CHANNEL - UPDATED**

The Coast Guard is proposing the below listed changes to Port Mahon Approach Channel and Mahon River Entrance:

Buoy 3 (LLNR 2360), change to Light 3, relocate to position 39-11-35.060N, 075-21-59.580W.

Port Mahon Approach Buoy 4, establish in position 39-11-22.020N, 075-22-33.640W.

Buoy 5 (LLNR 2365), change to Light 5, relocate to position 39-11-22.020N, 07522-47.330W.

Buoy 6 (LLNR 2370), relocate to position 39-11-15.230N, 075-23-14.560W.

Buoy 7 (LLNR 2375), change to Light 7, relocate to position 39-11-00.07N, 075-23-39.28W.

Buoy 8(LLNR 2380), relocate to position 39-11-03.556N, 075-23-49.864W.

Buoy 9 (LLNR 2385), relocate to position 39-10-58.501N, 075-23-49.134W.

Buoy 10 (LLNR 2390), discontinue aid.

Buoy 11 (LLNR 2395), discontinue aid.

Buoy 12 (LLNR 2400), discontinue aid.

Buoy 13 (LLNR 2405), discontinue aid.

Mahon River Light (LLNR 2415), discontinue aid.

Proposed position of Buoy 8 is same as current position of Buoy 12.

Proposed position of Buoy 9 is same as current position of Buoy 13.

Mariners and other waterway stakeholders are encouraged providing feedback using the Waterway Data Sheet in Section I of this publication.

Refer to Project Number 05-15-037 (D).

Charts Affected: 12305

LNM: 49/14

#### **MD – EASTERN BAY – AND SOUTH RIVER – PROPOSED CHANGE TO AIDS TO NAVIGATION**

The Coast Guard is soliciting comments on changing Eastern Bay Buoy 12 (LL 26095) to Eastern Bay Daybeacon 12 (LL 26095). Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety.

Charts Affected: 12270

You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at

[http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to February 2, 2015 to be considered in the analysis. Refer to project number 05-15-043(D).

Send comments to [Albert.L.Grimes@uscg.mil](mailto:Albert.L.Grimes@uscg.mil) or [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil), or mailed to:

U.S. Coast Guard Fifth District

Waterways Management (dpw)

Attn: Albert Grimes

431 Crawford Street, Room 100

Portsmouth, VA 23704

LNM: 51/14

#### **VA – SEACOAST - PROPOSED CHANGE TO AIDS TO NAVIGATION**

The Coast Guard Fifth District is conducting an analysis to determine the degree to which mariners utilize the Aids to Navigation listed below. With the proliferation of GPS, charting software, AIS, and other systems, seacoast buoys, while often convenient references, are becoming increasingly redundant. The analysis of the seacoast buoys listed below could lead to alterations of technical aspects of the aids, such as a change to advertized characteristics or buoy sizes, change to positions, or discontinuation.

Winter Quarter Shoal LB 6 (LLNR 270)

Chincoteague Inlet Lighted Whistle Buoy CI (LLNR 5270)

Wachapreague Inlet Lighted Whistle Buoy W (LLNR 305)

Parramore Bank LB 12 (LLNR 315)

Quinby Inlet Lighted Whistle Buoy Q (LLNR 320)

Hog Island LB 10 (LLNR 335)

Cape Charles LBB 14 (LLNR 345)

False Cape LB 4A (LLNR 545)

Northern Chesapeake Entrance Lighted Gong Buoy NCB (LLNR 390)

Northern Chesapeake Entrance Lighted Gong Buoy NCD (LLNR 400)

Interested Mariners are strongly encouraged to comment on the potential impacts that modifying or discontinuing any of the aids above would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 13 January 2015 to be considered in the analysis. Refer to project number 05-15- 033. In addition to the address listed on the front cover, email can be sent to [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil).

Charts Affected: 12200, 12200, 12208, 12205, 12207, 12210, 12211, 12221, 12224, 12280.

LNM: 48/14

#### **NC – SEACOAST - PROPOSED CHANGE TO AIDS TO NAVIGATION**

The Coast Guard Fifth District is conducting an analysis to determine the degree to which mariners utilize the Aids to Navigation listed below. With the proliferation of GPS, charting software, AIS, and other systems, seacoast buoys, while often convenient references, are becoming increasingly redundant. The analysis of the seacoast buoys listed below could lead to alterations of technical aspects of the aids, such as a change to advertized characteristics or buoy sizes, change to positions, or discontinuation.

Currituck LB 6 (LLNR 560)

Bodie Island LB 8 (LLNR 565)

Wimble Shoals LB 10 (LLNR 620)

Interested Mariners are strongly encouraged to comment on the potential impacts that modifying or discontinuing any of the aids above would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 13 January 2015 to be considered in the analysis. Refer to project number 05-15- 034. In addition to the address listed on the front cover, email can be sent to [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil).

Charts Affected: 12200, 12201, 12204, 12203, 12205, 13003.

LNM: 48/14

#### **NC – PAMLICO SOUND – GOOSE CREEK ENTRANCE – CHANGE TO AID TO NAVIGATION**

The Coast Guard is proposing the following changes to Goose Creek Light 1 (LLNR 38145):

Discontinue High Intensity sector, change nominal range to 6nm. Proposed changes will include installation of LED optic with increase in candela output in all directions, less high intensity sector toward Pungo River Light PR

Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 10 Feb 2015 to be considered in the analysis. Refer to project number 05-15- 052.

Send comments to [Michael.a.davis@uscg.mil](mailto:Michael.a.davis@uscg.mil) or [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil), or

U.S. Coast Guard Fifth District

Waterways Management (dpw)

Attn: Michael Davis

431 Crawford Street

Portsmouth, VA 23704

Charts Affected: 11553, 11548

LNM: 52/14

#### **NC – PAMLICO SOUND – OUTFALL CANAL – CHANGE TO AID TO NAVIGATION**

The Coast Guard is proposing the following changes to Outfall Canal Entrance Light (LLNR 32420):

Discontinue High Intensity sector, change light characteristic from MoA to FL R 2.5s with 4nm nominal range, change daymark to Red, rename to Outfall Canal Entrance Light 2. Proposed changes will include installation of LED optic with equal candela output in all directions. Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 10 Feb 2015 to be considered in the analysis. Refer to project number 05-15- 045.

Send comments to [Michael.a.davis@uscg.mil](mailto:Michael.a.davis@uscg.mil) or [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil), or

U.S. Coast Guard Fifth District

Waterways Management (dpw)

Attn: Michael Davis  
431 Crawford Street  
Portsmouth, VA 23704  
Charts Affected: 11548

LNM: 51/14

**NC – SEACOAST - CAPE HATTERAS to LITTLE RIVER INLET- PROPOSED CHANGE TO AIDS TO NAVIGATION**

The Coast Guard Fifth District is conducting an analysis to determine the degree to which mariners utilize the Aids to Navigation listed below. With the proliferation of GPS, charting software, AIS, and other systems, seacoast buoys, while often convenient references, are becoming increasingly redundant. The analysis of the seacoast buoys listed below could lead to alterations of technical aspects of the aids, such as a change to advertized characteristics or buoy sizes, change to positions, or discontinuation.

Hatteras Inlet Entrance Lighted Whistle Buoy HI (LLNR 650)  
Ocracoke Inlet Approach Lighted Whistle Buoy OC (LLNR 665)  
Cape Lookout Shoals Lighted Buoy 6 (LLNR 695)  
New River Inlet Entrance Lighted Whistle Buoy NR (LLNR 790)  
New Topsail Inlet Entrance Lighted Whistle Buoy NT (LLNR 795)  
Masonboro Inlet Entrance Lighted Whistle Buoy A (LLNR 800)  
Carolina Beach Inlet Entrance Lighted Whistle Buoy CB (LLNR 805)  
Lockwoods Folly Inlet Entrance Lighted Whistle Buoy LW (LLNR 865)  
Shallotte Inlet Entrance Lighted Whistle Buoy SH (LLNR 870)

Interested Mariners are strongly encouraged to comment on the potential impacts that modifying or discontinuing any of the aids above would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 13 January 2015 to be considered in the analysis. Refer to project number 05-15- 035. In addition to the address listed on the front cover, email can be sent to [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil).

Charts Affected: 11520, 11534, 11536, 11539, 11541, 11542, 11543, 11544, 11548, 11550, 11555, 12200

LNM: 49/14

**NC - ALBEMARLE SOUND – CHANGE TO AID TO NAVIGATION**

The Coast Guard is proposing the following changes to Albemarle Sound Light 8AS (LLNR 31650) and Albemarle Sound Light 9AS (LLNR 31655): Discontinue High Intensity sector on (2) Lights. Proposed changes will include installation of LED optics with increase in candela output in all directions, less high intensity sector toward 089deg for Light 8AS and high intensity sector toward 336deg for Light 9AS. Nominal range will increase to 5nm in all directions for both lights.

Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 17 Feb 2015 to be considered in the analysis. Refer to project number 05-15- 051.

Send comments to [michael.a.davis@uscg.mil](mailto:michael.a.davis@uscg.mil) or [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil), or

U.S. Coast Guard Fifth District  
Waterways Management (dpw)

Attn: Michael Davis  
431 Crawford Street  
Portsmouth, VA 23704  
Charts Affected: 12205

LNM: 01/15

**NC – BEAUFORT INLET – AIDS TO NAVIGATION CHANGE - BEAUFORT INLET DUMPING GROUND BUOY A**

The Coast Guard is proposing to discontinue the following Aid to Navigation:

Beaufort Inlet Dumping Ground Buoy "A" (LLNR 715).

You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 10 Feb 2015 to be considered in the analysis. Refer to project number 05-15- 029.

Send comments to [michael.a.davis@uscg.mil](mailto:michael.a.davis@uscg.mil) or [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil), or

U.S. Coast Guard Fifth District  
Waterways Management (dpw)

Attn: Michael Davis  
431 Crawford Street  
Portsmouth, VA 23704  
Charts Affected: 11543, 11520, 11545.

LNM: 47/14

**NC - SEACOAST- FRYING PAN SHOAL- PROPOSED CHANGE TO AIDS TO NAVIGATION**

The Coast Guard Fifth District is conducting an analysis to determine the degree to which mariners utilize the Aids to Navigation listed below. With the proliferation of GPS, charting software, AIS, and other systems, seacoast buoys, while often convenient references, are becoming increasingly redundant. The analysis of the seacoast buoys listed below could lead to alterations of technical aspects of the aids, such as a change to advertized characteristics or buoy sizes, change to positions, or discontinuation.

Frying Pan Shoals Slough Approach Lighted Whistle Buoy SA (LLNR 820)

Frying Pan Shoals Slough Buoy 1 (LLNR 825)

Frying Pan Shoals Slough Buoy 2 (LLNR 830)

Interested Mariners are strongly encouraged to comment on the potential impacts that modifying or discontinuing any of the aids above would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 13 January 2015 to be considered in the analysis. Refer to project number 05-15-036. In addition to the address listed on the front cover, email can be sent to [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil).

Charts Affected: 11520, 11536.

LNM: 48/14

#### **NC – CAPE FEAR RIVER – NEW RIVER – AIDS TO NAVIGATION CHANGE**

Due to a high discrepancy rate resulting from damage to and/or destruction of New River/Cape Fear River Light 83 (LLNR 39495) the Coast Guard is proposing the following changes:

Discontinuance of New River/ Cape Fear River Light 83 (LLNR 39495).

Establishment of New River/Cape Fear River Light 82A in approximate position 34-24-59.960N 077-35-12.850W.

Proposed position of Light 82A will be NNW of the current assigned position of Light 83, directly across channel, and will mark the outside of the channel turn.

You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at [http://www.navcen.uscg.gov/pdf/Inms/D5\\_LNM\\_2014\\_Special\\_Notice\\_Waterway\\_Proposal\\_Feedback\\_Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf).

All comments will be carefully considered and are requested prior to 10 Feb 2015 to be considered in the analysis.

Send comments to [Michael.a.davis@uscg.mil](mailto:Michael.a.davis@uscg.mil) or [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil), or

U.S. Coast Guard Fifth District

Waterways Management (dpw)

Attn: Michael Davis

431 Crawford Street

Portsmouth, VA 23704

Refer to Project Number 05-15-038 (D).

Charts Affected: 11541

LNM: 48/14

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### **SECTION VII - GENERAL**

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

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#### **VA - WILLOUGHBY BAY - THIMBLE SHOAL CHANNEL - HELICOPTER AIRBORNE MINE COUNTERMEASURES OPERATIONS**

Helicopter Mine Countermeasures Squadron Fourteen (HM-14) routinely conducts airborne mine countermeasures (AMCM) operations utilizing the MH-53E helicopter at low altitudes over the following inland and coastal waterways:

- Willoughby Bay

- Thimble Shoal Channel from the Naval Station Norfolk piers to the Chesapeake Bay Bridge Tunnel.

- An area of the Chesapeake Bay, adjacent to the Thimble Shoal Channel from Thimble Shoal to the Chesapeake Bay bridge tunnel extending to the north four miles to form a four by seven mile rectangle.

During these operations, the aircraft will be operating at altitudes as low as seventy-five feet and will produce localized winds in excess of 125 miles per hour. Rotor wash produced winds pose a considerable hazard to vessels, especially sailing vessels. The devices the helicopters tow range in size and appearance from a large orange and white sled approximately the size of a pick up truck to slightly submerged steel pipes thirty feet in length, both of which have submerged cable extending well beyond the visible portion of the towed device. The Aircraft Commanders have been directed to exercise every effort to conflict and avoid surface vessels.

All mariners are requested to remain well clear of the helicopters, the towed devices, and the area extending directly behind the aircraft for four hundred yards. Do not approach or cross the area directly behind the towed device as a submerged hazard exists regardless of whether the device is in motion or stationary.

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered. Charts: 12200, 12205, 12221, 12222 & 12254.

**VA - WILLOUGHBY BAY - THIMBLE SHOAL CHANNEL - HELICOPTER AIRBORNE MINE COUNTERMEASURES OPERATIONS**

LNM: 01/15

**VA -YORK RIVER - U.S. NAVAL WEAPONS STATION - CHEATHAM ANNEX - SMALL ARMS LIVE FIRE DANGER ZONE**

A Danger zone has been established within an area beginning at Mean High Water on the shore at the U.S. Naval Weapons Station, Cheatham Annex facility on the York River, located at 37-17-33.10N, 076-36-19.06W; then northeast to a point on the York River at 37-18-36.650N, 076-34-39.010"W, thence south, southeast to 37-18- 59.37N, 076-34-13.65W; then southwest to a point on the shore located at 37-17-26.750N, 076-36-14.890W. Vessels may transit this area at any time, however, no vessel shall anchor, fish or conduct any waterborne activities within the Danger Zone established in accordance with this regulation any time live firing exercises are being conducted. Any time live firing is being conducted a red flag will be displayed in a conspicuous location along the shore to signify the range is active. At night, red lights will be displayed. Chart: 12241.

LNM: 01/15

**VA - COASTAL - U.S. NAVAL BASE DAM NECK, VIRGINIA BEACH - SMALL ARMS RANGE LIVE FIRE SCHEDULE**

All vessel operators are reminded to review Navigation Regulations as described in paragraph 334.380 of Chapter 2, of U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (45th) Edition when operating south of the entrance to the Chesapeake Bay, off the Dam Neck Naval Firing Range. When firing is in progress during daylight hours, red flags will be displayed at conspicuous locations on the beach at the facility. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit.

The U.S. Naval Base Dam Neck Live Fire Range will be active during periods advertised by Broadcast Notice to Mariners. Charts: 12203, 12205, 12207 & 12221.

LNM: 01/15

**VA - COASTAL - STATE MILITARY RESERVATION, CAMP PENDLETON, VIRGINIA BEACH - SMALL ARMS LIVE FIRE SCHEDULE**

The Camp Pendleton State Military Reservation Live Fire Small Arms Range described as all of the waters seaward of the mean high water shore line within a sector between radial lines extending 13,500 yards seaward and bearing 070 degrees true and 150 degrees true, respectively, from a point on shore at 36- 48- 58.3N, 075- 57- 59.0W. All vessel operators are reminded to review Navigation Regulations as described in paragraph 334.380 of Chapter 2, of U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (45th) Edition when operating south of the entrance to the Chesapeake Bay. Firing will take place only during daylight hours and red flags will be displayed at conspicuous locations on the beach at the facility. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit.

DATES	UNIT	AMMO	HOURS
09-15 JAN 15	437TH CIVIL AFFAIRS BRANCH	A059, 5.56MM, AA49 MM	0800-1700

Charts: 12203, 12205, 12207 & 12221.

LNM: 01/15

**VA - VIRGINIA CAPES OPERATING AREA (VCOA) - PERMANENT MINE WARFARE TRAINING FIELDS ESTABLISHMENT**

The U.S. Navy has established four permanent mine warfare training fields within the Virginia Capes Operating Areas. The Bounding coordinates for each field are as follow:

AREA A: 37-09.0N 075-31.0W, 37-09.0N 075-34.7W, 37-12.0N 075-31.0W, 37-12.0N 075-34.7W.

AREA B: 36-29.0N 075-31.8W, 36-29.0N 075-35.5W, 36-26.0N 075-35.5W, 36-26.0N 075-31.8W.

AREA C: 36-29.0N 075-20.8W, 36-29.0N 075-24.5W, 36-26.0N 075-24.5W, 36-29.0N 075-20.8W.

AREA D: 36-46.5N 075-47.8W, 36-46.5N 075-46.5W, 36-47.5N 075-46.5W, 36-47.5N 075-47.8W.

Each area contains inert bottom and moored training mines that pose a potential hazard to dredging operations and trawler nets. All moored mines will be placed at a minimum of 40 feet depth (MLLW) to preclude them as hazards to navigation. The scheduled implant dates for the minefields are 05-09 December, 2014. Chart 12200

LNM: 01/15

**NC - NEW RIVER - FIRING EXERCISES**

1. The Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune (MCIE-MCB CamLej), North Carolina, has advised that the area in the Atlantic Ocean between a point approximately 4.5 miles east of Bogue Inlet to a point approximately 10 miles southwest of New River Inlet, North Carolina, within the existing danger zone (depicted as 334.440) as shown on National Ocean Service Chart 11543, will be hazardous to navigation because of field firing exercises during the periods and times stated below. Firing will be up to 15 nautical miles seaward. Vessels are urged to avoid the above area during the periods stated except for the Atlantic Intracoastal Waterway, where mariners traveling through this area can expect a delay of about one to four hours during the below times. Range Control Boats, MCIE-MCB CamLej North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz). Range Control can be reached by phone at 910-451-3064 or 4449.

2. The restricted areas in the Atlantic Ocean East of the New River Inlet as shown on National Ocean Service Chart 11543, will be closed to navigation because of firing exercises during the following periods:

Atlantic Coast Sector Live Fire Operations

8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)

8:00 a.m. to 10:00 pm Daily (Stinger Missiles and ranges)

Atlantic Coast Sector Non-Live fire operations

12:01 a.m. to Midnight Daily (USS Ship-Maneuvering)

3. The restricted areas in the New River, as shown on National Ocean Service Chart 11542, that WILL be closed to navigation because of Stone Bay Rifle Range firing exercises during the following periods:

#### **NC - NEW RIVER - FIRING EXERCISES**

Stone Creek Sector 12:01 a.m. to Midnight – daily

Stone Bay Sector 12:01 a.m. to Midnight – daily

West of the 77 (deg) 26(min) longitude line.

The restricted areas that MAY be closed to navigation because of firing exercises during the following periods:

Traps Bay Sector 12:01 a.m. to Midnight – daily

Courthouse Bay Sector 12:01 a.m. to Midnight – daily

Stone Bay Sector 12:01 a.m. to Midnight – daily

East of the 77 (deg) 26 (min) longitude line.

Grey Point Sector 12:01 a.m. to Midnight – daily

Farnell Bay Sector Sunrise to Sunset – daily

Morgans Bay Sector Sunrise to Sunset – daily

Jacksonville Sector Sunrise to Sunset – daily

4. The Target Bombing Area N1/BT-3 Impact Area in the Atlantic Ocean East of the New River Inlet as shown on National Ocean Service Chart 11543, may be closed to navigation because of firing exercises during the following periods:

N1/BT-3 Live Fire Operations:

8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)

8:00 a.m. to 10:00 pm Daily (Stinger Missile and ranges)

N1/BT-3 Non-Live Fire Operations:

12:01 a.m. to Midnight Daily (USS Ship-Maneuvering)

5. Atlantic Intracoastal Waterway, Inland Waters in the Browns Island Inlet area between Bear Creek and Onslow Beach, may be closed for firing exercises during the following periods:

Live Fire Operations:

8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)

8:00 a.m. to 10:00 pm Daily (Ranges)

Non-Live Fire Operations:

12:01 a.m. to Midnight Daily (Boat-Maneuvering)

6. Ship operations consisting of landing craft, amphibious vehicles, and helicopters may be conducted in the Onslow Beach operating area and all sectors of New River from 12:01 a.m. to Midnight – daily. Range Control Boats, MCIE-MCB CamLej North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz). Range Control can be reached by phone at 910-451-3064 or 4449.

7. Due to unexploded ordnance on Browns Island and in the adjacent waterways and marsh areas, Browns Island is off limits to all unauthorized personnel. Vessels may transit the surrounding waters, however no vessel shall bottom fish or anchor.

Charts: 11542 & 11543.

LNM: 01/15

#### **DREDGING AND MARINE CONSTRUCTION CAUTIONS**

Mariners are cautioned to stay clear of dredge, booster, floating (pontoon) and submerged pipelines, barges, derricks and operating wires associated with dredging and marine construction operations. Operators of vessels of all types should be aware that dredges and floating pipelines are held in place by cables, attached to anchors some distance away from the equipment. Buoys are attached to the anchors so that the anchors may be moved as the dredge advances and the location of the submerged pipelines are marked by buoys on each side of the channel. Mariners are cautioned to strictly comply with the Inland Rules of the Road when approaching, passing and leaving the area of operations, and remain a safe distance away from the dredge, booster, buoys, cables, pipeline, barges, derricks, wires and related equipment. Dredging projects are usually conducted twenty-four (24) hours a day seven (7) days a week. All fishnets, crabpots and structures in the general area must be removed prior to commencement of any work. A NO WAKE transit is requested of all vessels passing the dredge and if necessary to clarify a SAFE PASSAGE contact the dredge on the appropriate VHF-FM channels.

LNM: 01/15

#### **NJ – ATLANTIC OCEAN – CABLE ROUTE SURVEY OPERATIONS OFFSHORE**

Alpine Ocean Seismic Survey, Inc, survey vessel SHEARWATER will be conducting survey operations commencing on or about 09 January until 09 February, 2015. The route begins in Avon-By-The-Sea, New Jersey just north of Shark River Inlet and runs offshore in a southeasterly direction towards a midpoint between Berkeley Canyon and Carteret Canyon.

The survey vessel will have limited ability to maneuver due to trailing deployed geophysical remote sensing instrumentation and vessels are requested to remain well clear of the vessel. The vessel will monitor VHF Channel 16, and operations are expected to take place 24 hours a day. Chart 13003.

LNM: 01/15

#### **NJ – SANDY HOOK DGPS SITE DOWN TIME**

The Sandy Hook, NJ DGPS site will off-air for generator installation during the following times:

Primary 13JAN2015 from 1300Z - 13JAN2015 2100Z (0800 - 1600 EDT)

Primary 14JAN2015 from 1300Z - 14JAN2015 2100Z (0800 - 1600 EDT)

Primary 15JAN2015 from 1300Z - 15JAN2015 2100Z (0800 - 1600 EDT)

Primary 16JAN2015 from 1300Z - 16JAN2015 2100Z (0800 - 1600 EDT)

Alternate 17JAN2015 from 1300Z - 17JAN2015 2100Z (0800 - 1600 EDT)

Alternate 18JAN2015 from 1300Z - 18JAN2015 2100Z (0800 - 1600 EDT)

LNM: 01/15

#### **NJ - MANASQUAN INLET – MANASQUAN RIVER – DEBBIES (CRABTOWN) CREEK – BRIDGE REPAIRS**

Mariners are advised that urgent superstructure, substructure and fender repairs are in progress at the Monmouth County Brielle Road Lift Bridge,

**NJ - MANASQUAN INLET – MANASQUAN RIVER – DEBBIES (CRABTOWN) CREEK – BRIDGE REPAIRS**

at mile 0.4, across Debbies Creek (Glimmer Glass), at Manasquan, NJ. Repairs will be performed through May 22, 2015. The drawbridge will not be able to open for navigation from January 19, 2015 through February 20, 2015. A barge with a work boat will be used in a portion of the navigable channel. Repairs on the spans over the non-navigable waterway will utilize a lighted barge. The navigable channel remains open for vessels that can pass beneath the closed span, which has nine feet of vertical clearance. Mariners are advised to exercise caution when transiting the area and to stay aware of any future updates/notice to mariners. Chart 12324

LNM: 01/15

**NJ - INTRACOASTAL WATERWAY (ICW) – MANASQUAN RIVER TO CAPE MAY CANAL – MANAHAWKIN BAY**

Mariners are advised that construction work will continue through November 2015 at the south side of the existing Route 72 Bridge over Manahawkin Bay, at NJICW mile 37.4, in Ship Bottom, Ocean County, NJ. The work will be within 100 feet of the existing bridge. The existing navigation channel will remain clear. The new bridge will have a 55 feet vertical clearance above mean high water (MHW) over the navigational channel and a 100 feet Horizontal clearance between fender systems when complete. The construction operation will include in-water work involving steel bulkhead sheeting, installation of work trestles, and steel sheeting cofferdam installation. Scour repair work at Piers 3 and 4 of the Route 72 West Thorofare Trestle Bridge will be conducted through January 15, 2015. Repair work will consist of the placement of riprap to fill scour holes around and in the vicinity of Piers 3 and 4. Tugboats and barges will be used and will monitor VHF Channel 13 in the event that mariners need to contact the contractor. Mariners should check for future notices on this bridge project and use extreme caution when transiting the area. Chart 12324

LNM: 52/14

**NJ – RARITAN RIVER – BASILONE MEMORIAL BRIDGE – BRIDGE INSPECTION**

Harcon Corporation will be conducting a bridge inspection of the Basilone Memorial Bridge (NJ Turnpike/Raritan River), in Edison, Middlesex County, NJ. Inspection will take place on 12 January through 16, January, 2015 from 7:00 am to 5:00 pm. Inspectors will utilize a 30 foot pontoon boat with a 60 foot man lift. The inspection will not impede traffic and POC is Mark Nyerges (609)-577-9066.

LNM: 52/14

**NJ – PA –DELAWARE RIVER - MARCUS HOOK RANGE – DREDGING**

Mariners are advised that dredging will be conducted in Marcus Hook range in the Delaware River from January 1, 2015 until February 28, 2015. The dredge ESSEX will work in sections of Marcus Hook range beginning at the upriver end of the range and proceeding downriver as operations progress. A safety zone will be in place throughout the duration of the project and will include all waters within a 150 yard radius of the dredge ESSEX and all related dredging equipment. There will be floating pipeline in Marcus Hook range in the vicinity of the dredge ESSEX. Vessels transiting Marcus Hook range will be diverted through Marcus Hook anchorage. Vessels desiring to anchor within the anchorage must obtain permission from the Captain of the Port at least 24 hours in advance. The COTP will permit one vessel at a time in Marcus Hook anchorage on a "first come-first served" basis and vessels will not be permitted to occupy the anchorage beyond 12 hours. Vessels are encouraged to use Mantua Creek anchorage (anchorage #9) and Deepwater Point anchorage (anchorage #6) as alternatives. Owners and lessees of fishnets, crab pots and other structures that may be in the vicinity of Marcus Hook anchorage, that may hinder the free navigation of attending vessels and equipment, must remove these from the area. Dredging will be conducted twenty-four (24) hours a day, seven (7) days a week. Mariners are to contact the dredge ESSEX 30 minutes prior to arrival on VHF Channel 13 or 16 or call 757-285-2133 for passing instructions. Mariners should use extreme caution when transiting the area and maintain minimum speed to reduce wake.

ANY QUESTIONS SHOULD BE DIRECTED TO THE COAST GUARD COMMAND CENTER AT (215) 271-4807 OR VHF CHANNEL 16. Chart 12312

LNM: 51/14

**DE – DELAWARE RIVER – CHRISTINA RIVER – BRIDGE INSPECTION**

Mariners are advised that Pennoni Associates (for DE-DOT) will be completing underwater inspections at the I-95 Bridge over Christina River in Wilmington, Delaware between the dates of January 12 and January 16, 2015 from 7am to 5pm. The inspections will take place from a 27-foot aluminum work vessel. Divers will be connected to umbilical air supply. Advise that all vessels take caution when approaching the bridge. Chart 12311

LNM: 51/14

**MD – ANNAPOLIS – DGPS SITE DOWN TIME FOR TROUBLESHOOTING**

Mariners are advised the Annapolis DGPS site will be off-air for troubleshooting purposes during the following times. Primary 14 January, 2015 9:30 am to 11:30 am with a secondary time of 15 January, 2015 9:30 am to 11:30 am.

LNM: 01/15

**MD – TEMPORARY PRIVATE AIDS TO NAVIGATION ESTABLISHED**

Lockheed Martin will establish a lighted turbidity fence and five monitor/data buoys; until March 1, 2016, in association with a dredging operation at the Dark Head Cove facility.

Middle River-Dark Head Cove

Lighted Turbidity Buoy A 39 19 32.284N—76 25 42.755W FI Y 4s

Lighted Turbidity Buoy B 39 19 31.432N—76 25 43.397W FI Y 4s

Lighted Turbidity Buoy C 39 19 30.757N—76 25 44.341W FI Y 4s

Lighted Turbidity Buoy D 39 19 30.063N—76 25 45.259W FI Y 4s

Lighted Turbidity Buoy E 39 19 29.807N—76 25 46.446W FI Y 4s

Lighted Data Buoy A 39 19 31.467N—76 25 41.646W FI Y 4s

Lighted Data Buoy B 39 19 29.914N—76 25 44.328W FI Y 4s

Lighted Data Buoy C 39 19 29.179N—76 25 46.261W FI Y 4s

Lighted Data Buoy D 39 19 24.083N—76 25 44.388W FI Y 4s

Lighted Data Buoy E 39 19 19.592N—76 25 42.355W FI Y 4s

**MD – TEMPORARY PRIVATE AIDS TO NAVIGATION ESTABLISHED**

Charts Affected: 12278

LNM: 51/14

**VA – JAMESTOWN ISLAND TO JORDAN P POINT – JAMES RIVER – DREDGING**

The dredge MARION of Cottrell Contracting Corporation of Chesapeake, Virginia is currently conducting dredging operations in the James River between James River Channel Lighted Buoy 57 (LLNR 12200) and James River Channel Lighted Buoy 66 (LLNR 12250). Dredging operations will take place 24 hours a day, 7 days a week until or about 15 February, 2015. Chart 12254.

LNM: 51/14

**NC — NORTH ATLANTIC OCEAN — CAPE FEAR RIVER — NORTHEAST CAPE FEAR RIVER**

Mariners are advised that the Isabel Holmes Bridge, at mile 1.0, across Northeast Cape Fear River, at Wilmington NC will be maintained in the closed position to vessels requiring an opening from 8 a.m. on February 9, 2015 until 8 p.m. on February 10, 2015. The main breaker will be removed and replaced; power will be completely shut off as to prevent damage to the grids and gear teeth. The drawbridge will not be able to open in the event of an emergency. At all other times, the drawbridge will operate in accordance with the regulations set out in Title 33 Code of Federal Regulations Part 117.822. Mariners able to pass under the closed span may do so at anytime and should exercise caution when transiting the area.

Chart 11537

LNM: 51/14

**SECTION VIII - LIGHT LIST CORRECTIONS**

An Asterisk \*, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
13	<i>University of California Lighted Data Buoy A</i>	39-46-10.080N 073-46-11.640W	FL Y 4s			Yellow.	Private Aid.	01/15
		*						
29425	<i>Morehead City Channel Lighted Buoy 19</i>	34-41-46.837N 076-40-20.224W	Q G		5	Green.		01/15

\*

**PUBLICATION CORRECTIONS**

None

**ENCLOSURES****Enclosures**

1. Summary of Bridge Regulations/Construction/Permits.
2. Summary of Dredging.
3. Summary of Marine Events.
4. U.S. Coast Guard to Test Automatic Identification System (AIS) Aids to Navigation (ATON) Charting/Light List and broadcast explanation.
5. Summary of Coast Guard Sector North Carolina shoaling/waterway projects.
6. Summary of Coast Guard Sector Hampton Roads shoaling/waterway projects.



## SUMMARY OF D5 BRIDGE PERMITS/REGULATIONS/CONSTRUCTION

(Yellow indicates new item)

### Permits:

#### SECTOR BALTIMORE

- **Maryland**  
Choptank River – MD 331/Dover (fixed) Bridge – CG Bridge Permit signed by CGHQ on 16 SEP 2014.  
Maryland State Highway Administration is constructing a new fixed single-span concrete bridge, adjacent to the existing swing bridge. The existing swing bridge will be retained for historic purposes and placed in the open position to navigation. The new bridge will have a vertical clearance of 48.5 feet, above mean high water, and a horizontal clearance with two separate 80-foot channels between face of pilings.
- **Washington DC**  
Anacostia River – Frederick Douglass Memorial/South Capitol Street (swing) Bridge – District of Columbia Department of Transportation is proposing to replace the existing drawbridge with a new fixed bridge at essentially the same location. The replacement project will modify the existing vertical and horizontal clearance of the bridge. Presently, in the closed position to vessels, the charted vertical clearance of the existing swing-type bridge is 40 feet above MHW, with unlimited vertical clearance in the full open position. The existing horizontal clearance is two channels of 149 feet each. The proposed replacement will be a fixed bridge that will provide a vertical clearance of 42 feet above MWH, with a proposed horizontal clearance of 150 feet. Coast Guard requests navigational information such as the sizes and types of vessels presently owned and operated on the Anacostia River as they relate to the proposed vertical and horizontal clearances.  
**Virginia (Northern)**  
Potomac River – US 301/Harry W. Nice Memorial (fixed) Bridge Crossing - Study underway to consider rehabilitation or replacement of existing bridge. Draft FONSI has been released.

#### SECTOR DELAWARE BAY

- **Delaware** - None.
- **New Jersey (Central & Southern)**  
Bass River – Garden State Parkway (fixed) Bridge – Bridge Permit amendment time extension approved, extending construction until 31 DEC 2015. Work continues for the widening and rehabilitation of the bridge. To facilitate rehabilitation work, a containment system reduces the available vertical clearance from 20 feet to 14 feet, above MHW. During this time period, a modular barge will occasionally be used for access to the water span pier columns reducing the available horizontal clearance in the navigable channel to approximately 50 feet.  
Mullica River – Garden State Parkway (fixed) Bridge – Bridge Permit amendment for time extension approved, extending the construction until 31 DEC 2015. Work continues for the widening of the northbound lanes of the bridge. To facilitate the replacement of the concrete deck, a catch system has been installed reducing the available vertical clearance to 26 feet, above MHW.
- **Pennsylvania** - None

#### SECTOR HAMPTON ROADS

- **Virginia (Southern)**  
AICW – Elizabeth River Southern Branch – Gilmerton (vertical-lift) Bridge – CG Bridge Permit Amendment approved for a two-year extension of the CG Bridge Permit for completing construction of a replacement bridge until 30 JAN 2016.  
AICW – Elizabeth River Southern Branch – I-64/High Rise (lift) Bridge – FHWA and VDOT are developing alternative solutions to improve transportation conditions along Interstate 64 (I-64) between the Interstate 464 interchange and the Interstate 264/664 interchange at Bowers Hill. This corridor includes the I-64 (High Rise) Bridge. The alternative analysis would include fixed bridge options proposing a vertical clearance of at least 95 to 135 feet above mean high water, while maintaining the existing 125-foot horizontal clearance.

#### SECTOR NORTH CAROLINA

- **North Carolina**  
AICW - Alternate Route - Pasquotank River – US 158 Replacement Bridge Project – a temporary work bridge will be installed on the southwest side of the eastbound US 158 drawbridge. The temporary platform will not be in the navigational channel and the drawbridge will be fully operational. The temporary bridge will be in place throughout the replacement bridge project.

### Regulations:

#### SECTOR BALTIMORE

- **Maryland**  
Kent Narrows – Kent Narrows (MD-18B) Draw Bridge – Coast Guard will establish a safety zone in the bridge work site area from 6 a.m. on December 15, 2014 through 6 a.m. on February 16, 2015. Equipment on scene includes work barges and tender boats. The barges will be located within the federal navigation channel, moored to the bridge structure, and will be marked and lighted. Interested mariners can contact the Covington Marine and Welding vessel "Covington Tug" via marine band radio VHF-FM channel 13. Coast Guard Sector Baltimore can be contacted at telephone (410) 576-2674 or (410) 576-2693.
- **Washington, DC & Virginia (Northern)** – None

## SECTOR DELAWARE BAY

- **Delaware**  
Nanticoke River – Norfolk Southern RR (swing) Bridge – Currently closed to vessels requiring an opening due to mechanical repairs. There is zero vertical clearance in the closed position to vessels until March 31, 2015.
- **New Jersey (Central & Southern)**  
Mantua Creek – CONRAIL Bridge – Construction operations with barges continue in connection with the construction for the new tower-span vertical-lift drawbridge. Waterway remains closed to vessel passage until further notice. **NPRM USCG-2014-0807 has been published in the Federal Register and comments are being received until 13 FEB 2015. The proposal would change the current regulations by automating the new railroad bridge.**  
NJICW – Barnegat Bay – S37 (lift) Bridge – Effective on 1 DEC 2015 to 31 MAR 2018 the CG is temporarily modifying the drawbridge operating schedule. Over the span of two and half years, the drawbridge will be closed to navigation for three four-month closure periods. Extensive replacement of parts and repairs to the bridge necessitate these closures.  
Debbies Creek (Glimmer Glass) – Brielle Road (lift) Bridge – Urgent superstructure and substructure repairs are in progress through 22 MAY 2015. To facilitate repairs, a lighted barge with a work boat will be utilized for work near navigable and non-navigable portions of the waterway. Bridge opening request will require 4 hour notice until repairs are completed.
- **Pennsylvania**  
Schuylkill River – CSX/B&O/Tasker Street (swing) Bridge – Closed to vessels to facilitate emergency mechanical repairs until further notice; however, vessel openings will now be provided Monday through Friday 8am to 3pm with a 1 hour notice and at night/weekends when a 4 hour notice is given by calling 904-359-1519. In the closed position to vessels, the available vertical is approximately 15 feet, above mean high water.

## SECTOR HAMPTON ROADS

### **Virginia (Southern)**

AICW – Elizabeth River Southern Branch – Gilmerton (vertical-lift) Bridge – From December 10, 2014 until approximately January 20, 2015 contractors will have one working barge occupying the channel at the Gilmerton Bridge from 7 a.m. to 5:30 p.m. Monday through Saturday, in support of pile driving. All vessels needing more than 65 feet of horizontal clearance shall provide at least 2 hours of advance notice to the bridge tender on VHF channel 13 or at (757) 485-5488.

Black Narrows & Lewis Creek Channel – SR 175 (lift) Bridge – Test regulations and Public Notice 5-1340 issued; comment period ended 2 OCT 2014. This deviation tested a change for the drawbridge operation schedule to determine whether a permanent change to the schedule is needed to open on demand. NPRM is being drafted to implement the change.

## SECTOR NORTH CAROLINA

- **North Carolina**  
AICW – NC Route 50/210 Highway drawbridge – in Surf City, NC will remain closed to navigation from 6 p.m. Sunday, February 22, 2015 until 6 p.m. Tuesday, February 24, 2015 except for two openings each day at 10 a.m. and 3 p.m. The work is necessary to facilitate repairs to submarine cables and terminals. Mariners are advised to take caution.  
Northeast Cape Fear River – Isabel Holmes Bridge – at Wilmington, NC will remain closed to navigation from 8 a.m. Monday, February 9, 2015 until 8 p.m. Tuesday, February, 10 2015 to facilitate electrical work. The bridge will not be able to open in an event of emergency. Mariners are advised to take caution.

Construction, et al:

## SECTOR BALTIMORE

- **Maryland**  
Chesapeake Bay – Wm. P. Lane Jr. (fixed) Bridge – Sandblasting and painting operations are scheduled thru FEB 2015. To facilitate work at the under truss sections of the westbound bridge, containment platforms will reduce the available vertical clearance by six feet outside of the navigable channel. In addition, barges will be used for rigging and dismantling of the platforms.  
Chesapeake Bay – Wm. P. Lane Jr. (fixed) Bridge – Rehabilitation work until JAN 2015. A deck barge will be located along the north (westbound) bridge span outside of the federal navigation channel just at Pier 32.  
Pocomoke River – US 13 (fixed) Bridge – Rehabilitation work is scheduled until DEC 2014. To facilitate the work, a platform will reduce the available vertical clearance by approximately two feet to 32 feet above MHW. In addition, work barges will be staged involving repairs to the existing wooden fender system on the east side of the main channel at piers 12 and 13.  
Stony Creek – MD-173 (lift) Bridge – Rehabilitation of the approach spans continues through DEC 2014. The draw span over navigable channel shall remain open during the entire project. Safety cables and scaffolding will be positioned four feet beneath the bridge outside the navigable channel.  
Susquehanna River – US 40 & I-95/Hayden & Tydings (fixed) Bridges – Foundation and substructure repairs are in progress through Dec 14.  
Various Waterways in Maryland – Fiber optic cables will be installed by aerial attachment to existing bridges crossing over tidal waterways.  
Assawoman Bay & St Martins River – US 90 Bridges - Biennial inspections will be conducted from a snoopier truck from the bridge deck. Inspection personnel and equipment will be in proximity to the navigable channel when operating the inspection bucket from January 12, 2015 – February 27, 2015; Monday through Friday, from 9 a.m. to 3 p.m.
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- **Washington DC**  
Anacostia River – Construction work for the Anacostia Riverwalk Trail is in progress through 30 APR 2015. The boardwalk will be built along the east side of the river between the New York Avenue Bridge and the Benning Road Bridge in Wash DC.  
Anacostia River – Frederick Douglass Memorial/South Capitol Street (swing) Bridge – The District of Columbia Department of Transportation (DDOT) is rehabbing portions of the bridge superstructure from an 85 foot barge. Mariners are advised to take caution when approaching the bridge; one of the two channels may be blocked to navigation from November 18, 2014 to February 20, 2015. The waterway shall remain open to navigation.
- **Virginia (Northern)**  
Potomac River – US 301/Harry W. Nice Memorial (fixed) Bridge – Painting and steel work rehabilitation in progress through APR 2015.

## SECTOR DELAWARE BAY

- **Delaware**  
C&D Canal – Summit (fixed) Bridge – Construction has been extended through DEC 2014, the available vertical clearance is 133 feet, above MHW over the entire channel, and the vessel master shall confirm their transiting requirements with the Army Corps dispatcher.  
Little Mill Creek – DelDOT Amtrak Corridor (fixed) Bridge – Rehabilitation work scheduled until 1 FEB 2015. A barge and turbidity curtains will be used in waterway.  
Christina River – I-95 Bridge – in Wilmington DE underwater inspections will be conducted from Monday January 12, 2015 until Friday January 16, 2015. Divers will be working from a small work vessel. Mariners should use caution when approaching the bridge.
- **New Jersey (Central & Southern)**  
Debbies Creek (Glimmer Glass) – Brielle Road (lift) Bridge – Urgent superstructure and substructure repairs are in progress through 22 MAY 2015. To facilitate repairs, a lighted barge with a work boat will be utilized for work near navigable and non-navigable portions of the waterway. Bridge opening request will require 4 hour notice until repairs are completed.  
Delaware River – Burlington-Bristol (vertical-lift) Bridge – To facilitate counterweight and electrical repairs, construction will continue until MAY 2015. At all times the waterway shall remain open to navigation; the drawbridge will operate in accordance with the operating regulations set out in 33 CFR Parts 117.5 and 117.716. A safety boat may be in the vicinity.  
Delaware River – Ben Franklin (fixed) Bridge – a year-long PATCO track rehabilitation project is underway through MAY 2015. A work platform installed for the entire length beneath the bridge reduces the vertical clearance by no more than 3 feet, except over the 800-foot navigable channel where the vertical clearance will be reduced by no more than 27 inches.  
Delaware River – Walt Whitman (fixed) Bridge – To facilitate repairs construction will continue until further notice. A work platform installed in various sections beneath the bridge reduces the vertical clearance by no more than 4 feet.  
ICW – Inside Thorofare – US 40-322/Albany Ave (lift) Bridge – Inspection will be performed through 31 DEC 2014 from 0700 to 1700. The inspection will be conducted using a pontoon boat as the safety boat. The safety boat can be hailed on VHF-16 for further information.  
ICW – Point Pleasant Canal – Route 88 (vertical-lift) Bridge – Inspection will be conducted with a snooper crane through 31 DEC 2014 from 0700 to 1700. The available vertical clearance in the closed-to-navigation position is approximately 31 feet, above MHW. The drawbridge will operate in accordance with the drawbridge regulations set out in Title 33 Code of Federal Regulations Part 117.5.  
Drag Channel & Great Egg Harbor Bay (GEHB) – Garden State Parkway (fixed) Bridges - Marine work consisting of several activities including but not limited to test pile installation, temporary cofferdam construction, pier substructure construction, superstructure erection and demolition are in progress through 31 DEC 2015 for the replacement of the existing southbound bridges. In addition to replacing the southbound causeway, the project includes the demolition of the remaining portions of the Beesely's Point Bridge (US Route 9 over GEHB and Drag Channel). Daily hours of construction operations are MON through SAT, from 0700 to 1700, with second shift and 24-hour operations scheduled for specific activities. It is anticipated that closure or reduced horizontal clearance of the navigational channels will be required.  
ICW – Manahawkin Bay – State Route 72 (fixed) Bridge – Work in progress through NOV 2015 for the construction of a new parallel bridge on the south side of the existing-to-be-modified bridge to carry the eastbound traffic. When completed, both bridges will have vertical clearances of 55 feet, above MHW along with horizontal clearances of 100 feet between the fender systems. **Repair work at Piers 3 and 4 of the Route 72 West Thorofare Trestle Bridge will be conducted through January 15, 2015.**  
Mantua Creek – Construction operations with barges are scheduled in connection with the construction for a new tower span vertical-lift drawbridge. Waterway remains closed to vessel passage.

## SECTOR HAMPTON ROADS

- **Pennsylvania** - None
- **Virginia (Southern)**  
AICW – Elizabeth River Southern Branch – Dominion Blvd Replacement Bridge Project – Contractors have installed the permanent beam and construction continues through MAR 2017. The fixed height is at 95 feet, above MHW.  
AICW – North Landing River – SR 604 Pungo Ferry Bridge – Emergency repair work has commenced and will continue through JAN 2015 in Virginia Beach, VA. The operation will consist of debris removal and repair of the bridge fender system, with in-water work involving pile driving, lighted barges in and near the channel, and

divers.

Lynnhaven Inlet – US 60/John A. Lesner (fixed) Bridge – Work is in progress through JUN 2017 for a new replacement bridge at essentially the same location. The new bridge will have a vertical clearance of 45 feet, above MHW, along with a horizontal clearance of 150 feet between face of the fenders. A dredge material placement site will be located southwest of the existing bridge, adjacent to the boat ramp facility and used as a staging area. The contractor will access the lay down and staging area via the waterway through a proposed temporary bulkhead.

Mattox Creek – Route 205/James Monroe Highway Bridge – Work is in progress through 1 JUL 2016 to complete demolition and replacement the existing fixed highway bridge, with a new two-lane fixed highway bridge on the same alignment. The new bridge will have a vertical clearance of 4.7 feet above mean high water; along with a horizontal clearance of 49.5 feet between piles.

Poquoson River – Route 17 (fixed) Bridge – replacement bridge work in progress through 2015.

Blackwater River – Route 189 Drawbridge – near Franklin, VA.VDOT is replacing sections of steel stringers requiring instillation of safety scaffolding beneath the bridge reducing the vertical clearance from 15 feet to 9 feet from December 10, 2014 to January 8, 2015.

#### **SECTOR NORTH CAROLINA**

- ***North Carolina***

AICW – Newport River – US 70 (fixed) Bridge – Maintenance and repairs are in progress through 25 APR 2015. The contractor will utilize a 40-foot X 60-foot barge as a work platform for equipment staging that will reduce the available horizontal clearance in the navigable channel. A two-hour advance notice is required to remove the barge from the channel for vessels requiring greater than 40 feet of horizontal clearance to safely navigate through the bridge. The work supervisor can be contacted on VHF-FM channels 13 or 16 to arrange removal of the barge from the channel.

Gallants (Beaufort) Channel – US 70/Grayden Paul Bridge – Work is in progress through 31 MAY 2017 for construction of a high-level fixed bridge relocated between Radio Island and Michael J Field, in Carteret County. When completed, the new high-level fixed bridge will have a vertical clearance of 65 feet above MWH, along with a horizontal clearance of 100 feet between pile bents. The construction operation will include in-water work involving pile driving, concrete placement, girder setting, and concrete deck installation with post tensioning. Tugboats and barges will be used and will monitor channel 13 VHF, in the event that mariners need to contact the contractor. Waterway closures are being planned.

Cape Fear River – US 95/301 (fixed) Bridge – Demolition and construction operations will be performed through 1 APR 2015.

Cape Fear River – Wilmington Bypass (fixed) Bridge – Construction of new highway bridge in Brunswick and New Hanover Counties, NC. When completed, the Cape Fear River Bridge will have a vertical clearance of 64 feet at mean high water (MHW) and a horizontal clearance of 160 feet. Work barges and structures will be located along the sides of the waterway through December 2016. The channel shall remain open to navigation.

Pamlico River – US 17/Business (swing) Bridge - Concrete repairs, cleaning, and painting operations are underway through 1 APR 2015. A containment platform will reduce the available vertical clearance outside the navigable channel by approximately four feet. A small safety skiff and barge will be in the vicinity outside of the navigable channel. The work will not affect drawbridge operation.

#### **FUTURE PROJECTS:**

##### **Permits:**

- ***North Carolina***

Oregon Inlet - Bonner (fixed) Bridge - Proposed new fixed bridge structure, in final review of the design and environmental package.

Mid-Currituck Sound (fixed) Bridge – Proposed new fixed structure in final review of the design.

- ***Virginia (Southern)*** – None
- ***New Jersey (Central & Southern)*** – None
- ***Delaware*** – None
- ***Maryland*** – None
- ***Pennsylvania*** – None

##### **Regulations:**

- ***North Carolina*** – None
- ***New Jersey (Central & Southern)*** - None
- ***Virginia (Southern)*** – None
- ***Delaware*** – None
- ***Maryland*** – None
- ***Pennsylvania*** – None

## **SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS CURRENTLY IN PROGRESS**

### **NJ – Atlantic Ocean – Cable Route Survey Operations Offshore** (Chart 13003)

Survey vessel SHEARWATER will be conducting survey operations commencing on or about 09 January until 09 February, 2015. Ref: LNM 01/15

### **NJ – Princeton Harbor – Avalon NJ – Dredging** (Chart 12316)

Mobile Dredging and Pumping Company will be conducting dredging operations in Princeton Harbor, in Avalon, NJ from until **21 January, 2015**. Ref: LNM 45/14

### **NJ – Barnegat Bay Inlet – Dredging** (Chart 12324)

The dredge MURDEN conducting dredging operations at the entrance of the Barnegat Bay Inlet; in Barnegat Light, NJ from December 06, 2014 until **January 16, 2015**. Ref: LNM 49/14

### **NJ – Manasquan Inlet – Manasquan River – Debbies (Crabtown) Creek – Bridge Repairs** (Chart 12324)

The Brielle Road Lift Bridge, at mile 0.4, across Debbies Creek (Glimmer Glass), at Manasquan, NJ. Repairs will be performed through **May 22, 2015**. Ref LNM 01/15

### **NJ – Intracoastal Waterway (Icw) – Manasquan River To Cape May Canal – Manahawkin Bay - Construction** (Chart 12324)

Mariners are advised that construction work will continue through November 2015 at the south side of the existing Route 72 Bridge over Manahawkin Bay, at NJICW mile 37.4, in Ship Bottom, Ocean County, NJ. Scour repair work at Piers 3 and 4 of the Route 72 West Thorofare Trestle Bridge will be conducted through **January 15, 2015**. Ref LNM 52/14)

### **NJ – Manasquan Inlet – Manasquan River – Debbies (Crabtown) Creek** (Chart 12324)

Superstructure and substructure repairs in progress at the Monmouth County Brielle Road Lift Bridge, at mile 0.4, across Debbies Creek (Glimmer Glass), at Manasquan, NJ through **22 May, 2015**. Ref: LNM 37/14, LNM 39/14, 48/14

### **NJ – PA – Delaware River - Marcus Hook Range – Dredging** (Chart 12312)

Mariners are advised that the dredge ESSEX will be conducting dredging operations in the Marcus Hook range in the Delaware River from January 1, 2015 until **February 28, 2015**. Ref LNM 51/14

### **PA – Delaware River - Marcus Hook - Dock Construction Work** (Chart 12312)

Dock construction work on the Sunoco Logistics Dock #2A in the Delaware River at the Marcus Hook Refinery, Marcus Hook, PA. until on or about **01 September, 2015**. Ref: LNM 40/14

### **NJ & PA - Delaware River Main Channel Deepening** (Chart 12313)

Delaware River Main Channel dredging between the Benjamin Franklin and Walt Whitman bridges until **March 2015**. Ref: LNM 35/14

### **NJ – PA – Delaware River – Philadelphia – Walt Whitman Bridge Repairs** (Chart 12312)

Mariners are advised that work will be conducted on the Walt Whitman Bridge, across the Delaware River, in Philadelphia, PA to **28 February, 2015** between 7am and 5pm. Ref: LNM 44/14

### **NJ - Mantua Creek - Conrail Railroad Bridge Work** (Chart 12312)

Mariners are advised that there will be construction on the Conrail Railroad Bridge over Mantua Creek in Paulsboro, NJ from November 2014 to the beginning of **June 2015**. Ref: LNM 45/14

### **NJ – Delaware River – Paulsboro – Concrete Wharf Construction** (Chart 12312)

Weeks Marine constructing a new 850 foot wide concrete wharf structure on the Delaware River at the Paulsboro Marine Terminal, Paulsboro, New Jersey until **January 2016**. Ref: LNM 42/14

### **DE – Chesapeake Bay – Nanticoke River – Emergency Bridge Repairs** (Chart 12264)

Norfolk Southern Railway Bridge, at mile 39.4, across Nanticoke River in Seaford DE is closed for emergency repairs. Normal operating schedule should be resumed by **31 March, 2015**. Ref: LNM 43/14

### **DE – Delaware River – Reedy Island Range** (Chart 12311)

Great Lakes Dredge and Dock Company will be conducting dredging operations in the Delaware River on the north section of Reedy Island Range near Oak Wood Beach, NJ. Until on or about **1 February, 2015**. Ref LNM 39/14

### **MD – Chesapeake Bay – Approaches To Baltimore Harbor – Dredging** (Chart 12278)

Norfolk Dredging Co. dredges VIRGINIAN" and "ATLANTIC conducting dredging operations in the Baltimore Harbor and Channel Sections, Craighill Angle and Cutoff Angle, to commence on November 1, 2014. In February 2015, the dredges will relocate to the Inland Waterway between Chesapeake Bay and Delaware Bay channels. Dredging will then occur between Pooles Island and Reedy Point, with operations expected to continue until **30 April, 2015**. Ref: LNM 40/14

### **MD – Chesapeake Bay – Approaches To Baltimore Harbor – Baltimore Harbor – Marine construction project** (Chart 12281)

Pier rebuilding project at Dundalk Marine Terminal Berth 4 in Baltimore, MD until **July 2016**. Ref. LNM 30/14

**MD – Chesapeake Bay – Baltimore Harbor** (Chart 12278)

Mariners are advised that aids to navigation construction operations are scheduled to occur in the Patapsco River from on or about December 20, 2014 through **February 28, 2015**. Ref: LNM 50/14

**MD – Chesapeake Bay – Kent Island Narrows - Regulated area** (Chart 12272)

Mariners are advised that to facilitate planned bridge repairs to the Kent Island (MD-18B) Draw Bridge, a Coast Guard safety zone will be established in Kent Island Narrows from December 15, 2014 through on **February 16, 2015**. Ref: LNM 48/14

**MD – Temporary Private Aids To Navigation Established - Dredging** (Chart 12278)

Lockheed Martin will establish a lighted turbidity fence and five monitor/data buoys; until **March 1, 2016**, in association with a dredging operation at the Dark Head Cove facility. Ref LNM 51/14

**DC – Upper Potomac River/Washington Channel** (Chart 12289)

Dockside demolition/bulkhead repair until **Dec. 2020**. Ref: LNM 12/14

**MD - Cove Point – Patuxent River – Construction** (Chart 12264)

IHI/KIEWIT constructing a temporary trestle in the Patuxent River. In conjunction with the Cove Point Liquefaction Project in Calvert County, Maryland. Trestle removal expected on or about **30 April, 2016**. Ref: LNM 39/14, 49/14

**MD – Chesapeake Bay – Choptank River And Herring Bay– Harris Creek And Tred Avon River - Usace Harris Creek & Tred Avon Oyster Bar Creation** Chart 12266

Mariners are advised that oyster reef restoration operations are scheduled to occur in both Harris Creek and the Tred Avon River from December 8, 2014 until **April 1, 2015**. Ref: LNM 49/14

**MD – Choptank River Route 331 Dover Road – Bridge Replacement** (Chart 12268)

McLean Contracting Corporation will commence construction a new bridge just South of the existing Dover Road Route 331 Bridge until **November 2017**. Ref LNM 39/14

**MD – Chesapeake Bay – Eastern Bay And South River – Kent Island Narrows - Bridge Repairs** (Chart 12270, 12272)

Mariners are advised that the Maryland State Highways Administration has scheduled bridge repairs to the Kent Narrows (MD-18B) Draw Bridge, across Kent Island Narrows in Queen Anne's County, MD, from 6 a.m. on December 15, 2014 through 6 a.m. on **February 16, 2015**. Ref: LNM 49/14

**MD– Fenwick Island To Chincoteague Inlet – Isle Of Wight Bay – Assawoman Bay – St Martin's River** (Chart 12211)

Biennial inspections from January 12, 2014 – **February 27, 2015**; Monday through Friday, from 9 a.m. to 3 p.m., at the following bridge structures near Ocean City, MD: US 90 Bridge, at mile 5.0, across Assawoman Bay; and US 90 Bridge, at mile 5.1, across St Martin's River. Ref LNM 50/14

**VA – Washington DC – Potomac River – Anacostia River** (Chart 12289)

Construction work for the Anacostia Riverwalk Trail will commence on July 28, 2014 through **30 April, 2015**. Ref: LNM 24/14

**VA – James River/Newport News Shipbuilding Waterfront** (Chart 12248)

Dredging – Dredge MOBRO 112 – **Until further notice**. Ref: LNM 14/14.

**VA - Chesapeake Bay - Elizabeth River Demolition And Repair Operations** (Chart 12253)

Crofton diving corporation will be conducting demolition and repair operations on the Fort Norfolk bulkhead, through **29 April, 2015**. Ref: LNM 45/14.

**VA - Elizabeth River - Norfolk Harbor Reach – Dredging** (Chart 12253)

Dredge ROCKBRIDGE is conducting dredging operations in the Elizabeth River, in Norfolk Harbor Reach and Craney Island Reach until approximately **January 31, 2015**. Ref: LNM 50/14

**VA - Elizabeth River - Southern Branch – Construction** Chart 12206

PCL Civil constructors will have one working barge occupying the channel at the Gilmerton Bridge from 7:00 am to 5:30 pm, Monday through Saturday, in support of construction operations involving driving piles until approximately **January 20, 2015**. Ref LNM 49/14

**VA – Atlantic Intracoastal Waterway (AICW) – Norfolk Harbor to Albemarle Sound** (Chart 12253)

Dominion Steel Bridge (Rt.17) Replacement - Construction ongoing until **February, 2017**. Ref: LNM 07/13.

**VA – Elizabeth River – Southern Branch – Dock Construction** (Chart 12254)

Construction of a concrete open pile dock adjacent situated along the Elizabeth River – Southern Branch. The project is expected to be completed by **17 May, 2017**. Ref LNM 27/14

**VA – Atlantic Intracoastal Waterway (AICW) – Elizabeth River (Southern Branch) – Albermarle And Chesapeake Canal – North Landing River** (Chart 12206)

Emergency fender repair work has commenced and will continue through **January 2015** for the SR 604 Bridge across the North Landing River. Ref: LNM 50/14.

**NC – Albemarle Sound – Chowan River – Blackwater River** (Chart 12205)

Route 189 drawbridge, over the Blackwater River near Franklin, VA. VA DOT is replacing some of the steel stringers requiring them to place safety scaffolding beneath the bridge reducing the vertical clearance from 15 feet to 9 feet from 10 December, 2014 to **08 January, 2015**. Ref LNM 46/14

**NC – Pamlico Sound – Pamlico River – South Bridge Street Bridge Repairs** (Chart 11554)

South Bridge Street Bridge across Pamlico River, at mile 37.2, in Washington, NC through **1 April, 2015**. Ref LNM 36/14

**NC – ICW - Morehead City Channel - Beaufort Inlet (Gallants) Channel** (Chart 11541)

Replacement of the US 70/Grayden Paul Bridge across Gallants (Beaufort) Channel, relocated between Radio Island and Michael J Field, in Carteret County, NC until **31 May, 2015** Ref. LNM 27/14

**NC – Atlantic Intracoastal Waterway (AICW) – Beaufort Inlet And Southern Core Sound – Newport River** (Chart 11545)

Maintenance and repairs will be in progress at the US 70/High Rise (fixed) Bridge, at AICW mile 203.8, across Newport River in Morehead City, NC through **25 April, 2015**. Ref LNM 29/14

**NC – North Topsail Beach Maintenance Dredging Operations** Chart 11541

The Dredge CHARLESTON will commence dredging operations offshore of North Topsail Beach. Dredging operations are expected to be completed on or about **April 30, 2015**. Ref: LNM 47/14

**NC – Topsail Inlet - Topsail Creek – Banks Channel – Dredging Operations** (Chart 11541)

The Dredge CHARLESTON dredging operations in the Topsail Inlet area on or about November 18. The project will continue until approximately December 15, 2014. Dredging operations will commence in Topsail Inlet, Topsail Creek, and Banks Channel on or about December 10<sup>th</sup> and the project will continue until **15 March, 2015**. Ref. LNM 46/14

**NC – Atlantic Intracoastal Waterway – Bridge Repairs** (Chart 11541)

NC Route 50-210 Highway Bridge, located on AICW, mile 260.7, in Surf City, NC. The bridge will be closed to navigation from 6 p.m. on February 22, 2015 to 6 p.m. **February 24, 2015**, except for two openings at 10 a.m. and 3 p.m. each day. Ref LNM 50/14

**NC – Dredging Operations In The Vicinity Of Bald Head Shoal And Smith Island Channels** (Chart 11537)

Mariners are advised that the Great Lakes Dredge and Dock Company dredge ALASKA will be conducting dredging operations in the vicinity of Bald Head Shoal Reach 2 Channel thru Smith Island Channel in Wilmington, North Carolina commencing on or about December 16, 2014 and ending approximately **April 30, 2015**. Ref: LNM 50/14

**NC — North Atlantic Ocean — Cape Fear River — Northeast Cape Fear River** (Chart 11537)

Mariners are advised that the Isabel Holmes Bridge, at mile 1.0, across Northeast Cape Fear River, at Wilmington NC will be maintained in the closed position to vessels requiring an opening from 8 a.m. on February 9, 2015 until 8 p.m. on **February 10, 2015**. Ref LNM 51/14

**NC – Cape Fear River – Bridge Construction** Chart 11537.

A new highway bridge on the Wilmington Bypass, over the Cape Fear River, mile 35.5, in Brunswick and New Hanover Counties, NC, through **December 2016**. Ref: LNM 49/14

**NC – Cape Fear River-Wilmington - Dredging** (Chart 11537)

Southern Dredging Company, Inc. in the Cape Fear River between Highway 133 Isabelle Homes Bridge to the Cape Fear Lighted Buoy 58 (LLNR 30840) until **31 January, 2015**. Ref LNM 32/14

## **SUMMARY OF D5 MARINE EVENTS/FIREWORKS DISPLAYS**

### **FIREWORKS – DISPLAY PRECAUTIONS AND REGULATIONS**

Fireworks barges and launch sites on land will have signs labeled FIREWORKS--DANGER--STAY AWAY to provide on scene notice that the safety zone will be enforced. Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port (COTP) or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the COTP or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed. Other Federal, State and local agencies may assist these personnel in the enforcement of the safety zone.

### **MD – CHESAPEAKE BAY – SEVERN RIVER – Sailing regatta series**

Mariners are advised that the Annapolis Yacht Club's 2014-2015 Frostbite Series sail races are scheduled to occur on the Severn River each Sunday afternoon from November 9, 2014 through December 14, 2014, on January 1, 2015, and each Sunday afternoon from February 1, 2015 through **March 15, 2015**, between approximately 1 p.m. and 4:30 p.m. Each race consists of up to 25 participants, with seven fleets starting at various times, and a maximum of 125 participating sailboats and auxiliary sailboats (18 to 49 feet in length). The races will occur in the Severn River, between the Severn River (US-50) Bridge and the mouth of the Severn River, with a start line in the vicinity of U.S. Naval Academy seawall. Interested mariners may contact the Special Events Committee boat on marine band radio channel 72 VHF-FM, if necessary. Charts 12282, 12283.



## U.S. Coast Guard to Test Automatic Identification System (AIS) Aids to Navigation (ATON)

In the near future, the U.S. Coast Guard and other authorized agencies and organizations (i.e., U.S. Army Corps of Engineers, Marine Exchange of Alaska) will begin transmitting AIS ATON messages and marine safety information via AIS for testing and evaluation. The exact content, location, and times of these broadcasts will be announced in future Local Notices to Mariners.

AIS is an internationally adopted radio communication protocol that enables the autonomous and continuous exchange of navigation safety related messages amongst vessels, lifeboats, aircraft, shore stations, and aids to navigation (AIS ATON). AIS ATON stations broadcast their presence, identity (9-digit Marine Mobile Service Identity (MMSI) number), position, and status at least every three minutes or as needed. These broadcasts can originate from an AIS station located on an existing physical aid to navigation (Real AIS ATON) or from another location (i.e., AIS Base Station). An AIS Base Station signal broadcasted to coincide with an existing physical aid to navigation is known as a Synthetic AIS ATON. An electronically charted, but non-existent as a physical aid to navigation, is identified as a Virtual AIS ATON. The latter two can be used to depict an existing aid to navigation that is off station or not watching properly or to convey an aid to navigation that has yet to be charted. All three variants can be received by any existing AIS mobile device, but they would require an external system for their portrayal (i.e., AIS message 21 capable ECDIS, ECS, radar, PC). How they are portrayed currently varies by manufacturer, but the future intention is for the portrayal to be in accordance with forthcoming International Standards (i.e., IEC 62288 (Ed. 2), IHO S-4 (Ed. 4.4.0)).

Mariners capable of receiving and displaying these test AIS messages are encouraged to provide feedback and report any anomalies to the USCG NAVCEN Website: <http://www.navcen.uscg.gov> | Contact Us Tab | Subject: AIS | Category: AIS Testing.

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### Example of Local Notice to Mariners Chart Corrections for AIS ATONs

#### Chart Correction for *Real AIS ATON*

12326	52nd Ed.	01-JUNE-13	Last LNM: 53/13	NAD 83		LNM/14
Chart Title: <i>Approaches to New York</i>						
ADD		Magenta circle AIS Chart No. 1: S17.2 to ABC Channel Lighted Whistle Buoy A and			CGD 40-27-27.991N	073-50-12.228W
CHANGE		Characteristic to RW "A" Mo (A) WHIS Racon ( " ) AIS				

#### Chart Correction for *Synthetic AIS ATON*






18649	68th Ed.	01-JUNE-13	Last LNM: 52/13	NAD 83		LNM/14
Chart Title: <i>Entrance to San Francisco Bay</i>						
ADD		Magenta circle AIS Chart No. 1: S17.2 to ABC Approach Lighted Whistle Buoy AB and			CGD 37-44-59.749N	122-41-33.940W
CHANGE		Characteristic to RW "AB" Mo (A) WHIS Racon ( - ) AIS				

#### Chart Correction for *Virtual AIS ATON*

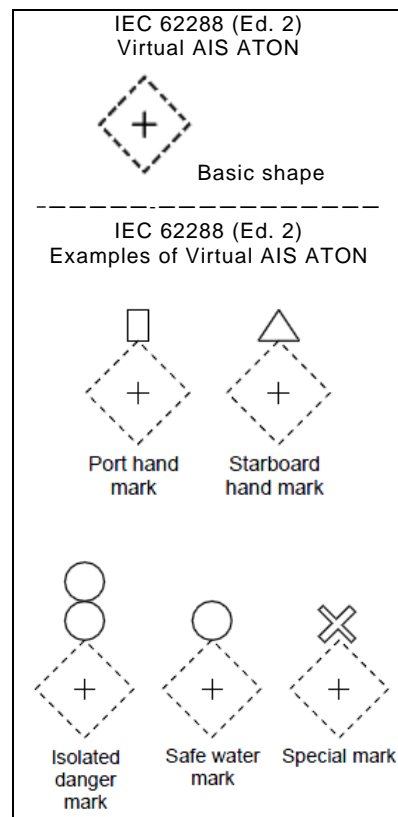
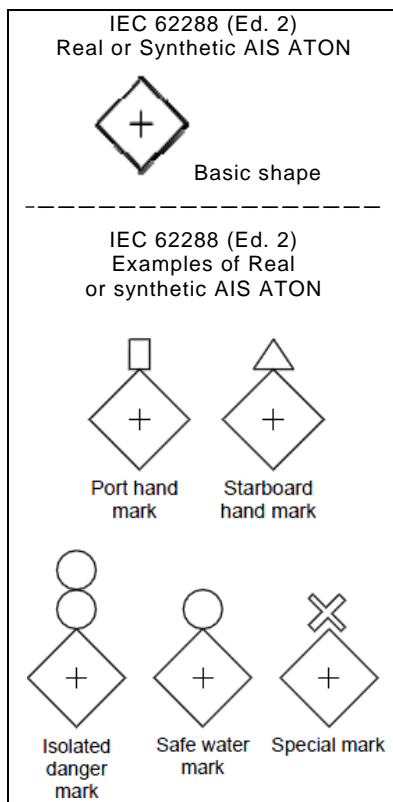
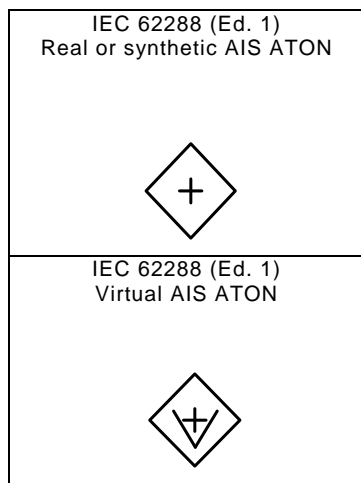
12314	33rd Ed.	01-JUNE-12	Last LNM: 51/13	NAD 83		LNM/14
Chart Title: <i>Delaware River Philadelphia to Trenton</i>						
ADD		ABC Railroad Bridge South Starboard V-AIS ATON Chart No. 1: S18.2		to	CGD 39-58-55.059N	075-04-06.856W
ADD		ABC Railroad Bridge South Port V-AIS ATON Chart No. 1: S18.2		to	38-58-55.803N	076-23-04.547W

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## Virtual AIS ATON Symbology for Electronic Chart Display and Information System (ECDIS)

Port Lateral (IALA B)	A Virtual object marking the port side of a channel	
Starboard Lateral (IALA B)	A Virtual object marking the starboard side of a channel	
Isolated Danger	A Virtual object marking an isolated danger	
Safe Water	A Virtual object marking safe water	
Special Purpose	A Virtual object used to mark an area or feature referred to in nautical documents	

## AIS ATON Symbology of the International Electrotechnical Commission (IEC) and International Maritime Organization (IMO)



# Sector NC Waterways

Shoaling Oregon Inlet Channel near  
Bonner Bridge

Shoaling Hatteras Inlet Ch LB 9A and LB 12

Shoaling Teaches Hole LB 20, 20A and 26

Shoaling Big Foot Slough IVO BY  
10B and DBN 12

Shoaling Swansboro CG Channel IVO BY 3A and 5

Morehead City Harbor Entrance  
Cutoff CH and CH LB 16 and 16A

SHOALING IVO BOGUE INLET  
BUOY 1 TO 3

Shoaling Beaufort Inlet IVO LB 16 and LB 18

Shoaling New River IVO Cape Fear River  
Buoy 99A / New River Inlet Channel

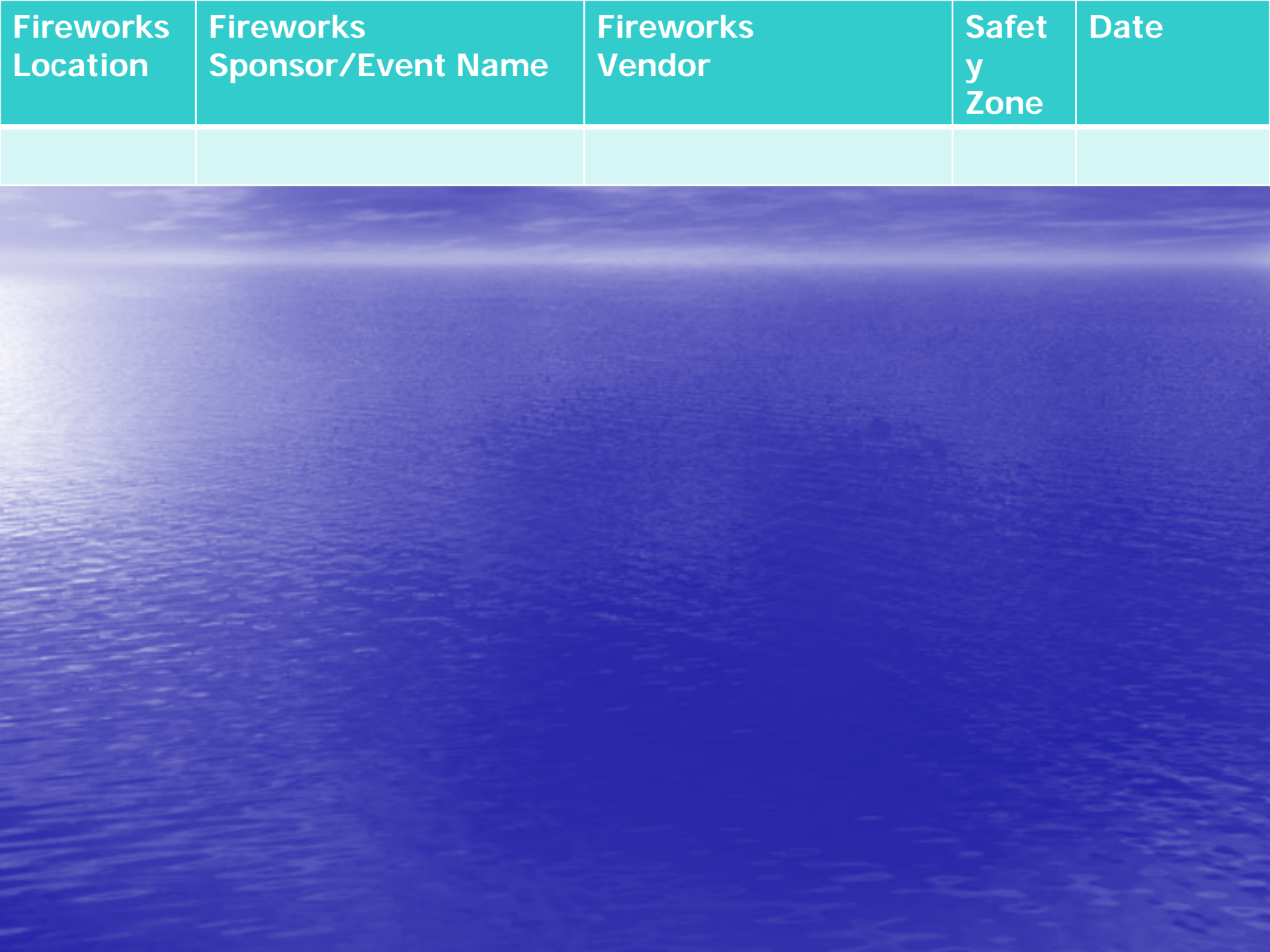
Shoaling IVO Wilmington Shortcut DBN 1

AREA	SHOALING DESCRIPTION	BNM
Teaches Hole	To 1' IVO Teaches Hole BY 20, BY 20A, and BY 24	BNM 220-13
Emerald Isle	To 2.6' Swansboro CG Channel Buoys 3A and 5	BNM 219-13
ILM Shortcut	To 2' IVO Wilmington Shortcut DBN 1	BNM 322-13
Hatteras	To 3' between Hatteras Inlet CH LB 8, 9A, and LB 12	BNM 093-14
Beaufort	To 20' between Beaufort Inlet CH LB 16 and LB 18	BNM 103-14
Ocracoke	To 3.6' IVO Big Foot Slough BY 10B and DBN 12	BNM 190-14
New River	To 2.6' IVO Cape Fear River Buoy 99A	BNM 233/581-14
Bogue Inlet	To 4.5' IVO BOGUE INLET BUOY 1, 2, and 3	BNM 255-14
New River Inlet	To 2' IVO New River Inlet Channel	BNM 003/15
Morehead City Harbor Entrance	To 8' and less than 40' between Cutoff Channel and Ch LB 16 and CH LB 16A	LNM 43/14
Oregon Inlet	To 4' Oregon Inlet Channel near Bonner Bridge	BNM 642-14
Banks Slough Channel	To .5' IVO Banks Slough Channel Buoy 2BS, 3, 4,5, and 7	BNM 658-14

Elizabeth City	Bridge Replacement	Pasquotank River/US 155 E-City Bridge – completion OOA 6/2015
W, Newport er, Morehead	Bridge Maintenance	US 70 Fixed Bridge (Morehead City High Rise) 7/19/2014 -4/25/2015
ants ufort nnel	Bridge Maintenance	US 70(Grayden Paul Bridge) Present – 05/31/2017
e Fear River	Demolition and Construction	US 95/301 Fixed Bridge Present – 04/01/2015
hington mlico River)	Bridge Repairs	US 17/ Business Swing Bridge(South Bridge Street Bridge) 09/09/2014 – 04/01/2015
emarle nd	Bridge Repairs	Route 189 Drawbridge 12/10/2014 -01/08/2015
F City, AICW	Bridge Repairs	NC Route 50-210 Highway Bridge 12/22/2014 – 02/24/2015
e Fear River	New Bridge Construction	Wilmington Bypass Bridge 12/24/2014- 12/31/2016

AREA	MAINTENANCE	DESCRIPTION	BNM/ MSIB/ LNM
Beaufort/ Forehead	Dredging	Ranges A and B Dredge MCCASKILL – 2/14/14 – TBD	BNM 091-14
Oregon Inlet Bridge –Dare County	Dredging and Beach Filling	Great Lakes Dredge & Dock Company 06/30/14 – 10/28/14	BNM 362/557-1  LNM 26/14
Cape Fear River/Wilmington	Dredging	Southern Dredging Company 08/15/2014 – 01/31/2015	  LNM 32/14
Topsail Inlet/Topsail Creek, Banks H	Dredging	Dredge Charleston 11/18/2014 - 03/15/2015	LNM 47-14
North Topsail Beach	Dredging	Dredge Charleston 11/22/2014 – 04/30/2015	LNM 46-14
Wald Head Inland/Smith Inland Channels	Dredging	Dredge Alaska 12/16/2014 – 04/30/2015	LNM 50-14





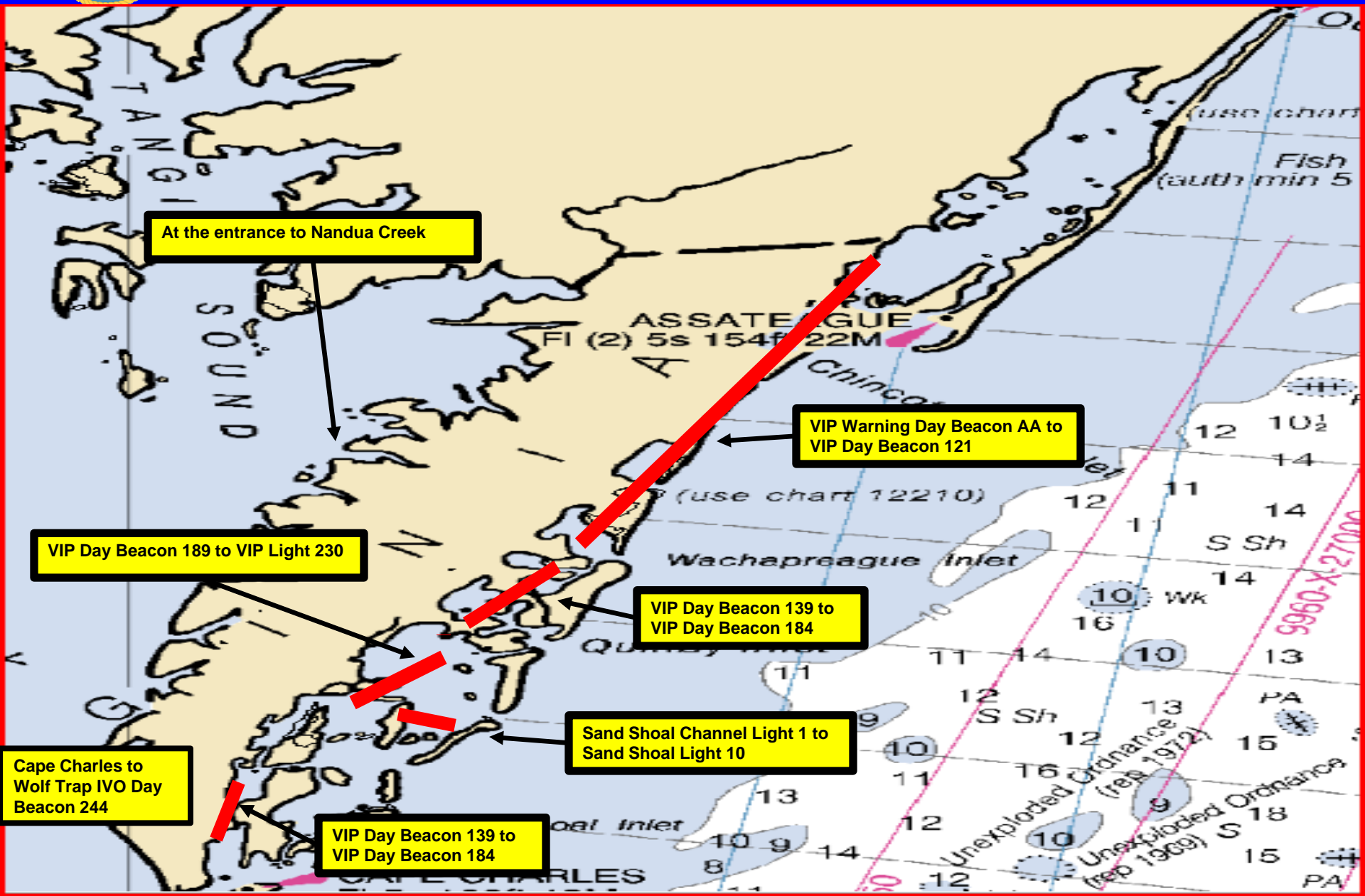
Fireworks Location	Fireworks Sponsor/Event Name	Fireworks Vendor	Safety Zone	Date

AREA	MARINE EVENT	DESCRIPTION	MEP





# WWM VIP SHOALING





# WWM SHOALING LIST

NTM	AREA	SHOALING DESCRIPTION
BNM 311-13	Nandua Creek	Shoaling at the entrance to Nandua Creek to 2 FT MLW
LNM 24/13	VIP Day Beacon 189 to VIP Light 230	Shoaling to less than 6 FT MLW
LNM 24/13	Sand Shoal Channel Light 1 to Sand Shoal Light 10	Shoaling to less than 6 FT MLW
LNM 24/13	VIP Day Beacon 139 to VIP Day Beacon 184	Shoaling to less than 6 FT MLW
LNM 24/13	VIP Warning Day Beacon AA to VIP Day Beacon 121	Shoaling to less than 6 FT MLW
BNM 170-14	Queen Creek entrance light 2QC to day beacon 10	Shoaling to less than 3 FT MLW
BNM 272-14	Cape Charles to Wolf Trap inside passage Day Beacon 244	Shoaling depth of 1 FT MLW
BNM 293-14	East of Long Creek Day Beacon 7 IVO of Pleasure House Point	Shoaling depth of 2.4 FT MLW



# WWM DREDGING PROJECTS

BNM	DATES	AREA	DESCRIPTION
445-14	20 Sep 14 – 31 Jan 15	Elizabeth River	Norfolk Harbor & Craney Island Reach, Buoy 7 to Buoy 25
409-14	13 Nov 14 – 01 Jan 15	Skiffes Creek Channel	Dredge operations from entrance to Ft. Eustis Marina. 24/7 operations.
463-14	20 Dec 14 – 15 Feb 15	James River	Between Lighted Buoy 57 and Lighted Buoy 66. 24/7 operations.



# WWM BRIDGES

NTM	PROJECT	DATES	AREA	DESCRIPTION
BNM 442-14 MSIB 14-021	Gilmerton Bridge Construction	07 APR 14– 20 MAR 15	Elizabeth River/Southern Branch	Demo and fender construction
BNM 159-14	Benjamin Harrison Memorial Bridge	01 MAY 14 – 15 DEC 16	James River, Hopewell	Lift bridge repairs
LNM	Dominion Blvd Replacement	01 JAN 13 - APR 17	Elizabeth River/Southern Branch	Vertical clearance 95 ft high with four-lanes
LNM	John A Lesner Bridge	10 JUN 14 - JUL17	Lynnhaven Inlet	Bridge expansion



# WWW PROJECTS

NTM	PROJECT	DATES	AREA	DESCRIPTION
BNM 001-15	Craney Island Fuel Pier Replacement	09 SEP 12-31MAR 15	Elizabeth River	Construction of fuel pier for the Craney Island Fuel Depot
BNM 195-14	Dominion VA Power	21 MAY 14-01 JUN 15	James River	Dominion Power/Crofton maintenance on transmission lines west of James River Bridge
BNM 266-14	Crofton Diving Corporation	07 JUL 14-07 JAN 15	Elizabeth River, Lamberts Point	Pier Repair Norfolk and S Coal pier
BNM 347-14	James River Fishing Pier	19 SEP 14 – 27 AUG 15	James River	James River Fishing Pier Demo & Replacement
BNM 410-14	Fort Norfolk Bulkhead Construction	17 NOV 14 – 29 APR 15	Elizabeth River IVO ACOE Building	Demolition and Repair of Fort Norfolk Bulkhead
MSIB 14-020	Midtown Tunnel	18 FEB 15 – 11 MAY 15	Elizabeth River	10, 48 Hour Channel Closures



# WWM MARINE EVENTS

DATE	EVENT	AREA/WATERWAY	DESCRIPTION
N/A	N/A	N/A	N/A



# WWM DEADSHIP TOWS

DATE	NAME /LENGTH	POC	FROM	TO
N/A	N/A	N/A	N/A	N/A